

OCTOBER
1938

AMERICAN RIFLEMAN

12

MR. A. V. PERKINS,
47 WALGROVE PARK,
DOBBS FERRY, N.Y.



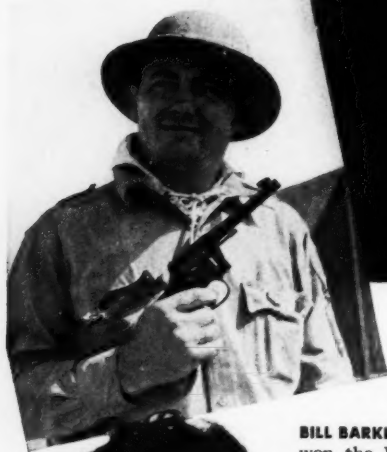


THE LOS ANGELES POLICE TEAM NO. 2 won the N.R.A. Revolver Team Trophy Match with a score of 1069, shooting Police Match. Standing is Lt. Joe Dircks. Seated, left to right: Lt. Basil L. Starkey, Sgt. M. E. Wheeler and Officer Tom Carr.

CAMP PERRY



MIAMI, FLORIDA, POLICE TEAM was the runner-up in the N.R.A. Revolver Team Trophy Match with 1059, shooting Peters Police Match. Left to right, they are: Pat Baldwin, C. D. Stanton, Sgt. L. G. Crews, Sgt. G. E. Baldwin and E. L. Hamlin. This same team won the Southeastern Regional and Florida State Championships a few weeks ago.



BILL BARKLEY, Los Angeles Police, won the Police Restricted Class Pistol Match with 289, a new course record; took first place in the Center Fire Restricted Class Pistol Match with 284; and also the .45 Restricted Class Pistol Match with 276. In all three events he shot Peters Police Match.



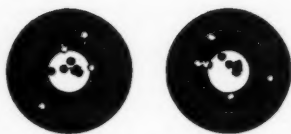
C. A. "SMITTY" BROWN, Tampa, Florida, took second in the .22 Slow Fire Revolver or Automatic Pistol Match with Peters Target. Score: 188.



WALTER STARK, Los Angeles Police, was runner-up in the .45 Slow Fire and Orton Memorial events, shooting Peters Police Match.



PAT BALDWIN, Miami Police, tied the former record in the Center Fire Rapid Fire Pistol event with 194, shooting Peters Police Match.



These two Official 100-Yd. Expert Rifle Targets shot by T. K. Stratton show what can be done with Peters Dewar Match.

T. K. STRATTON scored 386 x 400 with Peters Dewar Match to win the 100-Yd. Allcomers Metallic Sights Match (Expert Targets).



HIGHLIGHTS

SHOOTERS AGAIN STAR WITH PETERS BIG THREE



"DEWAR MATCH" .22's
"POLICE MATCH" .38's & .45's
"TACKHOLE" .22's



CHARLES HAMBY, Atlanta, Ga., won the 400 Club Members Match Dewar Course Metallic Sights, shooting Peters Tackhole. His score: 398 with 25 X's. Notice the close grouping of the five X's in one of Hamby's 50-Yd. Targets at the left.

CHARLES ASKINS, JR., New Mexico National Guard, set a new match record of 189, shooting Peters ammunition in the Center Fire Slow Fire Pistol Match.



Peters Match, Tackhole, Target and Dewar Match are Peters Cartridge Division trade-marks Reg. U. S. Pat. Off.



M. O. WILSON, U. S. Coast Guard, established a new match record of 197 in the .22 Rapid Fire Pistol Match, shooting Peters Dewar Match .22's.

PETERS

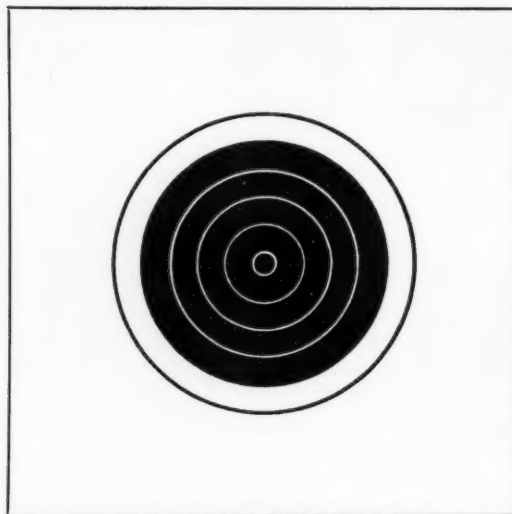
PETERS CARTRIDGE DIVISION, Remington Arms Co., Inc., Bridgeport, Conn.
MEMBER AMERICAN WILDLIFE INSTITUTE, "FOR A MORE ABUNDANT GAME SUPPLY"

For 1939

BIGGER *and*

BETTER

BULL'S-EYES



OFFICIAL 50-FOOT RIFLE BULL'S-EYE

Your first chance to try this new target in actual competition will come in the N. R. A. postal matches scheduled for December.

To give shooters all over the country a chance to get better acquainted with the new official rifle target, the gallery postal season has been advanced one month earlier than usual, with one match at 50 feet and one at 75 feet—both to be fired in December. A 50-foot slow-fire pistol match completes the first month's program.

The ten-bull's-eye card will be used for the season-opening 50-foot event, with conditions calling for *one* shot only on each bull. The 75-foot targets have five of the new bull's-eyes on a card.

This revised target was adopted by the Executive Committee of the N. R. A. after careful consideration of hundreds of letters received from shooters who had tried the proposed target. It will be used in all competitions conducted by the N. R. A. this winter. The old target may be used in all matches sponsored

by affiliated clubs, but the smaller bull's-eye will become obsolete with the close of the 1938-39 season. There will be no change in the official pistol targets.

The opening individual postal matches of the new gallery season are shown below. Complete postal match conditions as well as the year's complete program will be carried in the November RIFLEMAN.

Details of the interclub gallery matches will be given in a special bulletin to be mailed to all club secretaries. The interclub program opens in January and includes six bi-weekly matches in each of eight divisions. They will be conducted similar to last summer's matches.

You'll want to get acquainted with the new target as soon as possible. Why not plan now to enter the December individual matches? Don't wait for the complete schedule of the season's postal program—send in your entry now and be one of the first to receive the new targets.

PROGRAM

Fired targets must be postmarked not later than December 25, 1938.

MATCH 1

50-foot any sights rifle match.
50 shots, prone position.

MATCH 2

75-foot metallic sights rifle match.
50 shots, prone position.

MATCH 3

50-foot slow-fire pistol match.
40 shots—.22 caliber pistol.

Entry fee—\$1.00 per match.

For complete details, see the November
American Rifleman

NATIONAL RIFLE ASSOCIATION

816 BARR BUILDING

WASHINGTON, D. C.

Reeves and Hemming Run Wild at Detroit Pre-Perry Tournament . . . with New **COLT MATCH TARGET Woodsman**

*Set 2 Sensational
World's Records
With NEW WOODSMAN
FIRST MATCH IT'S IN!*

Think of it...!
**30 STRAIGHT TENS
BY HARRY REEVES**

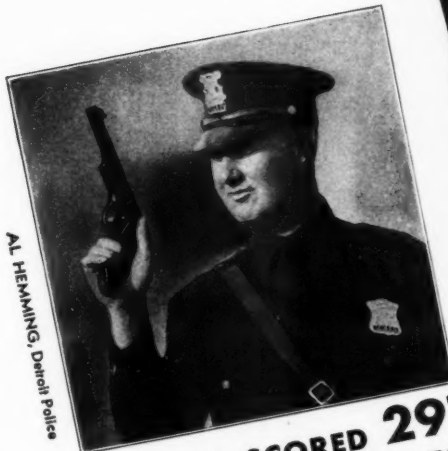


HARRY REEVES, Detroit Police

with the New MATCH TARGET WOODSMAN

Shooting like a house afire, Harry Reeves of the Detroit Police chalked up Four World's Records. At Detroit he scored a possible 200 in .22 Timed-Fire event using the new Match Target Woodsman. N.R.A. officials had him continue firing. He put 10 additional shots in ten ring making total of 30 consecutive tens — a 300 x 300. Reeves also made world's record in the .45 Slow-Fire scoring a 181 which record he afterward broke at Camp Perry. Then, being thoroughly warmed up, Reeves shot a world's record 197 in the .45 Timed-Fire Match.

At Perry he continued on the rampage. With a 292 he won the N.R.A. .22 Championship, another victory for the Match Target Woodsman. Reeves placed 3rd in the .22 Slow-Fire. He topped the Camp Perry record one point in the .45 Timed-Fire Match and in the .45 Slow-Fire he shot a 183 — breaking his own world's record previously made at Detroit. Reeves also placed second in the Williams Trophy Match. He is a 100% Colt shooter.



AL HEMMING, Detroit Police

HEMMING SCORED 297 OVER NATIONAL MATCH COURSE . . . with the Match TARGET WOODSMAN

At Detroit — Clipping the National record by 3 points, Al Hemming, Detroit Police, hung up a spectacular 297 over the National Match Course with his new Match Target Woodsman. His string was 99-100-98.

Continuing his sizzling pace, he made a second world's record scoring a 298 over the same course in the Center-Fire event, using a Colt Officers' Model. For good measure he made a third world's record in the .45 Rapid-Fire Match scoring a 192. Making 2 National Match Course world's records in the same tournament is what you might call "being red hot."

At Camp Perry — Hemming's 281 took the Orton Memorial Trophy beating Askins' 1937 record by 1 point. He placed second in the National Individual Pistol Match and second in the .45 Rapid-Fire, his 191 tying Price's 191 — both ahead of the former record. Hemming also won the Center-Fire Timed-Fire Match tying the 1937 record with a sweet 198. In addition he took the Williams Trophy All-Round Pistol Match with a new record of 855. Three firsts and two seconds under Camp Perry conditions is mighty steady shooting. Hemming, like all his Detroit buddies, sticks to Colts 100%.

*The "22"
of 22's*

6½" Heavy Barrel
MATCH TARGET
Woodsman



*New HEAVY BARREL
WOODSMAN all that
COLT said it was . . .*

When Colt announced the new Woodsman it said glowing things about it. So man it said glowing things about it. So did leading shooters. Now the evidence is in. Participating in its first important match it hung up two world's records that are bound to stay for a long time. The are bound to stay for a long time. The possible, of course can't be beaten and the 298 over the National Match Course will take some awfully sweet shooting to excel. How the boys took to the new Woodsman at Camp Perry. 7 ounces more weight and perfectly distributed. Hand-finished super-smooth action. Hand-filling stocks. Special new rugged sights with all adjustments on rear sight. New, straighter trigger. Heavy tapered barrel. Flat muzzle. Top of barrel, slide, and receiver all stippled to prevent glare. It's a beautiful product. The smoothest thing out, and a gun that already has demonstrated its ability to go places in a big way.

Both shot the New Heavy Barrel Woodsman
.. THE GUN THAT ALL
CAMP PERRY TALKED ABOUT

COLT SHOOTERS SET PACE at "Perry"

BREAK SEVENTEEN RECORDS AND WIN

32 OUT OF 33 MATCHES

SMASH TWO WORLD'S RECORDS

FOR GOOD MEASURE



COLT OFFICERS' MODEL CAL. .38 SPECIAL

TARGET REVOLVER

— The Gun of the Meet

HIGHLIGHTS OF THE NATIONAL PISTOL MATCHES

ALL Eight Center-Fire Individual Match Records Broken or Tied.

Dale and Savers Make New World's Record 585 in Police Doubles.

Ward Ups National Individual Score 8 Points. Reeves Shoots World Record 183 in .45 Slow-Fire.

Chapman's 291 Highest Score over Nat. Match Course Ever Shot at Perry.

Detroit Beats Colt Trophy Record by Two Points. All .45 Individual Match Records Tied or Bettered.

U. S. Infantry Shoots Best Score since 1922 in National Pistol Team Match.

Right from the start, nothing could stop the record-breaking avalanche at Camp Perry. Ordinary shooting didn't have a chance. Imagine shooting 197 and placing 10th . . . or tying the Camp Perry record only to land in 5th place. But that's how tight the matches were. Colt shooters were right in the thickest of the fight. All up and down the 100 target line, both in .32 and .38 matches, it was COLT—COLT—COLT. Every single record was broken by a Colt shooter, and that's something!

Hanson, as usual, went to the Heavy Barrel Colt Officers' Model Cal. .38 Special. It won every one of the eight Individual Center-Fire matches and every leading team shot it 100% except for one team. It's America's leading target team.

REVOLVER
ILLUSTRATION
ACTUAL SIZE

SPECIFICATIONS

.38 Caliber Model Built on .41 frame. Blue d finish. Checked walnut stocks. Checked back strap, trigger and hammer spur. Bead or Partridge sights, both adjustable. Five barrel lengths, 4, 4½, 5, 6, 7½ inches. Heavy barrel in .38 cal., 6 in. length only. Length over all with 6 in. barrel, 11¼ in. Weight (with heavy 6 in. barrel) 36 ounces.

.22 Caliber Model Same target refinements as .38 caliber model. Length 11¼ in. Barrel 6 in. Weight 38 ounces. Embedded head cylinder.

U. S. Infantry Shoots Best Score since 1922 in National Pistol Team Match.

Officers' Model Cal. .38 Special. It won every one of the eight individual Center-Fire matches and every leading team shot it 100% except for one team. It's America's leading target arm.

.22 Caliber Model Same target refinements as .38 caliber model. Length 11 1/4 in. Barrel 6 in. Weight 38 ounces. Embedded head cylinder.



DETROIT POLICE SET SIZZLING PACE TO TAKE ELEVEN FIRST PLACES

Marvin Driver and his lads from Detroit deserve medals with palms for their spectacular shooting at the National Matches. Among them they took 11 first places . . . something to shout about. We wouldn't blame the boys if they did a little bragging back home.

The Detroit Police Team took the first leg on the striking new Colt Trophy, breaking the old record by 2 points. They tied Pennsylvania Motor Police in the Sobel Trophy Team Match, each taking a 162. Detroit also won the Interstate and Interscholastic 45 Pistol Match with a 1081, second place going to St. Louis with 1075. Every man on the Detroit Team shoots Colts all the way through. Here is the Team. Left to right, standing: Maurice Lalonde, Al Shapiro, Harry Reeves, Marvin Driver, Team Coach, Alfred Hemming.



WILBUR BARKLEY . . . FIRST TIME AT PERRY. YET WINS THREE MATCHES

Wilbur D. Barkley, 1790 Police Team, ran up some well satisfied with his shooting at Camp Perry. Barkley took the 1937 score, 291, with a new Camp Perry record of 284—up 11 points over the 1937 score. Second in this 1937 score, 291, was Texas State Police, 291. U. S. Infantry 290; both better than the 1937 score. Barkley also won the Police Restricted Pistol Match, his 288 bettering the 1937 score by 4 points. Police, placed third with 283. Not only that with his Colt Officers' Model, Barkley took the 1937 score, 275, in the Pistol Match with a 275. Barkley shoots a Colt all the way.



P. M. Chapman makes highest score 38 caliber ever shot over National Match course at Perry. Wins Clark Memorial with Officers' Model. With a 99 Slow, a 98 Timed, and a 94 Rapid, P. M. Chapman of the U. S. Treasury Team, pitted against 247 round shooters, knocked out the Police Pistol Match with a 287. Second was Sidney Hinks, U. S. Infantry, who redressed William Toney, U. S. Border Patrol, both shooting a 287. By this brilliant score Chapman entered the American Legion Pistol Match well ahead of Thayer Hill of St. Louis, who shot a 285. Third in American Legion Match was Marvin Driver of Detroit Police with 282.



LALONDE WINS MCGINLEY TROPHY. Breaking the record for the McGinley Trophy, Maurice Lalonde captured the McGinley Trophy with a 288. On his heels was William Toney, Jr., of the U. S. Border Patrol, with 288. Lalonde also won the Center-Fire Medalist Match with a 288. Toney, Jr., shot a 287.5 points. Joe Dirks scored a neat 286. Cavalry, third. Lalonde placed second in the 45 Pistol Match, 288, and with all Detroit Police, he sticks out with a Colt target arm . . . and can be shot on.



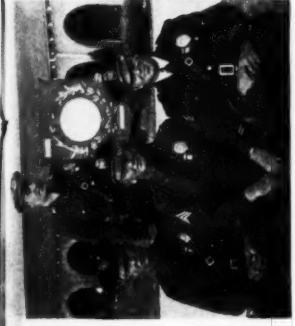
WARD BOOSTS NATIONAL INDIVIDUAL RECORD BY EIGHT POINTS

C. E. Ward of Los Angeles Police boosted up the National Individual Record by eight points. He used a caliber .32 Officers' Model. J. J. Engrenett was 15 and clocked an amazing 295 to win the National Individual Match and set a new Camp Perry record of 287. Ward's score was 288. Over Emmett Jones' record of 277 made last year and was the highest score since the 1922 record was established in 1922. Ward was ahead of the field. Hemming taking second place with a 274, outranking Wheeler's 271 who dropped to third place. Ward also took third place in .45 Police Pistol Match.



CHARLES ASKINS, JR., UPS CENTER-FIRE SLOW-FIRE RECORD 3 POINTS: USES OFFICERS' MODEL AND NEW WOODSMAN

Charles Askins, Jr., New Mexico National Guard, has received this Slow-Fire Match was a new Camp Perry record. He used a caliber .32 Officers' Model. J. J. Engrenett was 15 and clocked an amazing 295 to win the National Individual Match and set a new Camp Perry record of 287. Ward's score was 288. Over Emmett Jones' record of 277 made last year and was the highest score since the 1922 record was established in 1922. Ward was ahead of the field. Hemming taking second place with a 274, outranking Wheeler's 271 who dropped to third place. Ward also took third place in .45 Police Pistol Match.



LOS ANGELES POLICE TAKE N.R.A. REVOLVER TEAM MATCH. Los Angeles was well represented in the Team Trophy Match with a 1609, ten points ahead of Miami Police, its nearest competitor. The U. S. Treasury Team #1 came in third. Los Angeles team #2 placed second in the Colt Trophy Match, 287. Los Angeles Police shot a 285 in the National Pistol Team Match. All of the Los Angeles Police except one shot the Colt Officers' Model. #2 Team front: Stanley, Wheeler, Carr.



VANICK OF ST. LOUIS WINS .45 POLICE PISTOL MATCH. Showing versatile shooting Oliver Vanick of St. Louis Police won the .45 Police Pistol Match with a 289, two points ahead of the Police Team which came in second. He also placed second in the N.R.A. 289. Vanick placed third in the 45 Pistol Match by Reeves of Detroit. Third place went to Charles Stanton, Miami Police. Center placed Timed-Fire Match. Vanick wins with Colts, too.

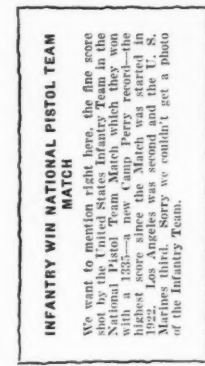


FIELD FIRING MATCH GOES TO SHOOTING OFFICERS' MODEL

T. E. Eschman of Pennsylvania Motor Police, who won the Police Field Firing Match, with a 70, Police Team, second and also scored a 70. Stojan of the Pennsylvania Motor Police placed third.

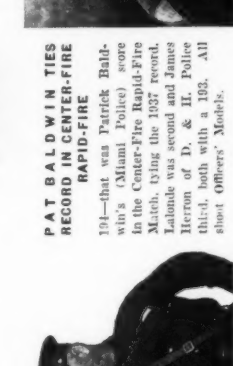


PENNSYLVANIA MOTOR POLICE TEAM WIN SOBEL TROPHY MATCH. Two teams fought it out for the coveted Sobel Trophy. Pennsylvania Motor Police won the trophy with a 163. Shooting out Detroit who also scored a 163. Shooting out the Police Team, left to right: Burrier, Jones, Eschman, Major J. E. Monk, Feloni, McKee, Sulpas, Silke. Kunkle absent because of accident.



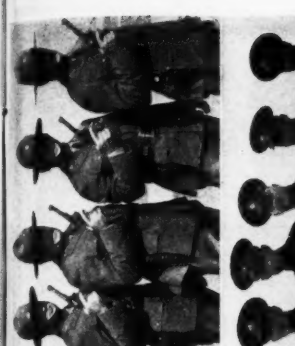
SNYDER TAKES COLTWOODSMAN .22 REST. WITH PERRY RECORD IN 22 RAPID-FIRE MATCH

Arthur Snyder of the American Legion Gold Team from California won the 22 Rapid-Fire Pistol Match with a 284. Second was Alfonso Alcantara, Alcantara, came in second with a 196, nosing out Mack Carr, Jr., Marvin Driver, and Roscoe Grider, tying the old record.



PAT BALDWIN TIES RECORD IN CENTER-FIRE RAPID-FIRE

194—that was Patrick Baldwin's (Miami Police) score in the Center-Fire Rapid-Fire Match, tying the 1937 record. Lalonde was second and James Heron of D. & H. Police third, both with a 192. All about Others' Models.



VENGAN OTRA VEZ A CAMP PERRY. The colorful Policia de Mexico, a grand bunch of fellows who made a name for themselves at Camp Perry and in the United States, were back in the United States for the 1937 National Pistol Team Match. Leading contender was Sgt. Alfonso Alcantara who placed second in Police Restricted Pistol Match and second in 22 Pistol Match. Left to right: Sgt. Alfonso Alcantara, Major Rafael Camara, Comandante Arturo Godinez, Lt. Hernandez Felisito, and Lt. Francisco Bustamante. Except one, they all shot Colts.



WILSON MAKES NEW CAMP PERRY RECORD IN 22 RAPID-FIRE MATCH

Shooting a 197 with his Colt Woodsman, Melvin O. Wilson, U. S. Coast Guard, roved through dense competition to win the 22 Rapid-Fire Pistol Match. Wilson, of Bartlesville, Oklahoma, came in second with a 196, nosing out Mack Carr, Jr., Marvin Driver, and Roscoe Grider, tying the old record.



GUTHRIE PRICE CLIPS POINT OFF RECORD IN .45 RAPID-FIRE MATCH

Shooting with the California Civilian Team, Guthrie Price squeezed out a 285 in the .45 Rapid-Fire Pistol Match to make new Camp Perry record of 191, out-ranking Hemming who shot the same score. Walter Stark of Los Angeles Police was third with a 187. Price also won the Slow-Fire, 22 Single Shot Slow-Fire, with B. L. Starkey of Los Angeles Police third.

J. T. Mills, Rochester, N. Y., civilian, Wyman was third with 267. Although did fight well at Perry. He won the 179 in the .45 Slow-Fire only placed him third. His score was 3 up from the former Camp Perry record of 176. —H. W. Scott who shot a 271. F. L.



HERCULES NEWS



Prepared by **HERCULES POWDER COMPANY**, Wilmington, Delaware
INCORPORATED

Congratulations to Eastep and Tarr!

Congratulations are in order for Marion Eastep and Allison Tarr, the team of Pennsylvania shooters who in the face of difficult wind conditions won the coveted Hercules Trophy at the 1938 National Matches at Camp Perry with a score of 388 x 400.

Marion Eastep	197
Allison Tarr	191
	<hr/> 388

To this team go the Hercules Trophy and gold medals.

Second and third places were won by the teams of

L. A. Pope	195
J. O. Miller	192
	<hr/> 387

Bill Breuler	194
Ed. J. Doyle	193
	<hr/> 387

To these team members bronze medals were awarded.

This match, for the Hercules Trophy, was open to two-man teams firing over a course of twenty shots



per man at 200 yards, using any .22 caliber rim fire cartridge, any rifle and any sight. This year there were 116 teams entered in the Hercules match, an increase of 39 teams over last year.

NATIONAL MATCHES INCREASING IN POPULARITY

Too much credit cannot be given to Col. Endicott, the National Board for the Promotion of Rifle Practice, and the National Rifle Association for the splendid National Matches just completed. It is interesting to note that each year the matches increase in popularity; this year there were approximately 3500 registered shooters, including 850 small bore shooters in camp.

There was a plentiful variety of shooting to satisfy all, regardless of their experience or shooting preference. For the big bore (.30 cal.) shooter 21 events were scheduled; while 30 events were run for the pistol and revolver shooter. The small bore (.22 cal.) shooter had 30 matches, and, of course, the usual small arms training school.

This year the pistol range had 150 of the new type Hoisington target frames in operation, which added to the ease of running this range.



THE HERCULES TROPHY

New Hercules Sporting Powder Folder

Off the press just in time for distribution at Camp Perry and the Grand American was the new Hercules Sporting Powder booklet. This booklet, containing a description of the rifle, pistol, and shotgun powders manufactured by Hercules, should be in the hands of every shooter. If you failed to secure a copy at either Perry or the Grand, write direct to Sporting Powder Division, Hercules Powder Company, Wilmington, Delaware, for a free copy.



HERCULES POWDER COMPANY
INCORPORATED

980 King Street, Wilmington, Delaware

K-116

THE AMERICAN RIFLEMAN

COMING

FOLLOWING close upon the heels of the Garand Semi-Automatic military rifle, comes the Johnson Semi-Automatic, built for such powerful loads as the .30-'06, .270 Winchester, etc. The Johnson is a strictly commercial proposition, and it will not be long before Johnson autoloading hunting rifles will be available to the sportsmen of this country. The N. R. A. Technical Division has been conducting tests on the Johnson rifle for some time, and Mr. Ness will have a good article on it in our November issue.

We expect to begin in an early issue a series of articles telling, in word and picture, how firearms of all kinds are made. The series has been written for us by A. P. Curtis, who has spent a lifetime in the gun shops of this country, and the pictures were specially taken to illustrate each point as it is covered. This series of articles should interest every person who likes guns.

William V. Lowe has given us an article on rifle-makers and their methods back in the days of the celebrated Horace Warner. Mr. Lowe, a one-time noted rifle-maker himself, served his apprenticeship under Warner, and came to know him very well. In addition to describing tools and methods used by Warner and others of that time, Mr. Lowe gives interesting little highlights on well-known riflemen of that day—a day when the superbly accurate heavy-barrel muzzle-loading target rifle was probably at its zenith. Mr. Lowe's article is lined up for early publication.

Home-gunsmithing is a fascinating hobby for firearms lovers, especially during the long winter months; and we have a series of home-gunsmithing articles scheduled to begin very shortly. The first articles of the series will cover work done with simple hand tools, and will show the really large amount of important gunsmithing work that can be done with equipment available to any amateur. Later articles will deal with the use of power-driven tools, which in recent years have become so popular.

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OCTOBER 1938

NUMBER 10

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PUBLISHED BY THE NATIONAL RIFLE ASSOCIATION OF AMERICA

OFFICERS OF THE ASSOCIATION: GUSTAVUS D. POPE, President; LT.-COL. L. W. T. WALLER, JR., First Vice-President; LT.-COL. N. C. NASH, JR., Second Vice-President; MAJ.-GEN. M. A. RECKORD, Executive Vice-President; C. B. LISTER, Sec'y-Treas. and Managing Editor, THE AMERICAN RIFLEMAN. STAFF OF THE ASSOCIATION: L. J. HATHAWAY, Editor, THE AMERICAN RIFLEMAN; F. C. NESS, Associate Editor and Technical Division; W. F. SHADEL, Associate Editor and Public Relations; F. A. MOULTON, Advertising Manager; H. H. GOEBEL, Club Service and Junior Division; L. Q. BRADLEY, Membership and Circulation; F. M. HAKENJOS, Extension; F. L. WYMAN, Competitions

Published monthly by the National Rifle Association of America, Barr Building, Washington, D. C. Domestic rates, including North, South and Central America, \$3.00 a year; \$5.00 for two years; elsewhere, \$3.60 a year; \$6.50 for two years. Entered as second-class matter, April 1, 1908, at the Post Office at Washington, D. C., under Act of March 3, 1879. Copyright, 1938, by the National Rifle Association of America. Thirty days' notice required for change of address. Unless otherwise requested, new subscriptions are entered to begin with the issue following the month in which subscription is received.

POWDER SMOKE

Training *Versus* Championships

EVERY long-established sport recognizes the fundamental difference between the problem of developing new players and the problem of deciding State, National, and International Championships. No youngster playing high-school or sand-lot baseball expects to be granted any special handicap or privileges when he reports to some major-league training camp, hoping to make the team. Everyone takes it for granted that thousands of young men will annually begin playing baseball under rules which follow as closely as possible those of the big leagues, but which are adapted to the ability of the tyros and to the facilities available on the local vacant lot. Everyone expects these boys to spend several years in developing their playing ability, seeking coaching wherever they can find it, learning by watching the big leaguers play, and, when fortunate occasion permits, actually playing with or against some team which everyone knows is superior in ability to the local outfit.

Older men take the same attitude toward their golf. Thousands of local greens and fairways are neither green nor fair, and local men frequently play under rules which, while generally following the accepted standards, are modified to suit local conditions. Nevertheless, when these men attend some major championship they expect no favors and they expect to play under the national rule. Very rarely do they hope to win anything of importance during their first several years of "shooting golf." However, probably their greatest pleasure in the game comes from those occasions when they are able to get into some famous tournament where they can learn from watching even while taking a licking at the hands of nationally known golf stars.

Because so much emphasis has, of necessity, been placed upon the introduction of new players to the games of rifle and pistol shooting, we have developed a confused state of mind—confused as to whether competition is for the purpose of developing new shooters, or deciding championships. The answer obviously depends upon the *type* of competition. Local events are plainly in the training group. State-wide Championships might be placed in a kind of intermediate group. Nation-wide Championships and Open Tournaments are obviously *not* in the training-group picture. They are the "big leagues", the headline events of the rifle and pistol game.

Note that the *size* of an athletic event does not determine its position as a training event or a championship event. The ten baseball diamonds and 180 players at the Community Center are in the training period, and con-

sequently the game they are playing does not attract the publicity or call for the strict enforcement of rules that is the case when only 18 men play on one diamond in the World's Series.

The gradual emergence of standardized rules for rifle and pistol shooting and for the holding of open tournaments has occasionally resulted in the statement that the N. R. A. is interested only in the expert shot. Such an expression could come only from a source completely lacking in knowledge of the history of the development of other sports. Sometimes the thought is indicated that because fewer men attend a Registered Tournament than attend some match run under "home-spun" rules, the Registered Tournament idea is a detriment rather than a help to the game. Any such thought obviously overlooks the fact that sand-lot baseball would quickly disappear if it were not for the publicity and the inspiration afforded local players by the regularly organized, strictly governed, leagues. The more than 3,000 local golf courses would soon be turned to other uses if it were not for the publicity and the inspiration afforded by the National Open and other national and international golf matches conducted under strictly interpreted national regulations.

The National Rifle Association is, as a matter of fact, much more interested in its juniors and its tyros than it is in its expert shots, who are already thoroughly inoculated with the shooting virus, besides being more or less able to take care of themselves. But we need to straighten out our confused thinking concerning the difference between development and training matches on the one hand, and the decision of championships on the other.

The Shooting Rules promulgated by the N. R. A. are intended to be strictly and uniformly enforced in the decision of championships that are nationally recognized as such. They are intended to serve as a *guide* toward the safe and fair conduct of local matches and local training courses. But the National Rifle Association has never demanded or expected that, in the training of new shooters and in local shoots, these championship rules would not be modified as good sense might dictate.

Camp Perry is a great sounding board from which to catch the tone of the American shooters' thoughts, and one of the most gratifying features of this year's National Matches was the clear evidence that more and more of our shooters are looking upon the game through the same eyes with which they view other sports. Thus our game matures.

THE AMERICAN RIFLEMAN

VOL. 86

OCTOBER 1938

NO. 10

PERRY—1938

By C. B. LISTER

CAMP PERRY is an unusual place. It is ever-changing, yet un-changing. It is the annual rendezvous of men who try to leave nothing to chance, yet gamble with every entry on the vagaries of wind and light. It harbors for three weeks the greatest concentration of guns and gunners to be found anywhere in the world outside the largest military training reservations, yet never sees a gunshot wound, even though the automobile takes deadly toll at its very gates. Its weather is totally unpredictable, yet the intoxication of its warm sunlit days and star-studded nights makes men forget its driving rains and damp, shivering nights. Its denizens wear the unmistakable brands of cow-hand and department store clerk, of the great universities and of the great school of hard knocks, yet recognize here only the distinction afforded by a typewritten line, high or low on a flimsy sheet of paper tacked on a none-too-well lighted Bulletin Board. Its code of morals is that of any community of five thousand mixed souls, but its code of ethics is inflexible, unbending, sternly enforced by competitors and officials alike—"Take Only What You Have Fairly Won." It has been aptly termed "the Mecca of the American rifleman and pistoler"—Mecca, the place of pilgrimage for India's masses—and if some great composer were able to capture in music the true spirit of Camp Perry the orchestration would surely rise and fall with all the humor and the pathos, the triumph and the sweating toil of Rimsky-Korsakoff's immortal "Song of India."

Because all this is so, it is idle to try to write of "Camp Perry" (officially "The National Matches") as though nothing mattered except that certain matches were fired on certain days, with the wind blowing at a certain velocity from a certain direction, being won by certain individuals by virtue of certain scores.

Camp Perry does not take its shooting as methodically as that. Were there no more than that to Camp Perry it would never filter its virus into men's blood until having once been there they are never again satisfied until they have returned—and returned again—and again.

At Perry no one really cares whether a certain match is fired on Monday or Wednesday or Saturday or whether it begins at 7:30 or 10:00 or 1:30 or 3:00. Truth to tell, few really care who the man is who wins a match—unless he is a team-mate.

These are the sort of things that matter—

"What relay do I draw to shoot in?"

"What is the right 'dope' for wind and light?"

"God in heaven, keep me on the right target and don't let me crank on windage in the wrong direction."

"I hope conditions aren't any better for the other relays."

"What's my total? Swell! It won't win but I might get the State Medal."

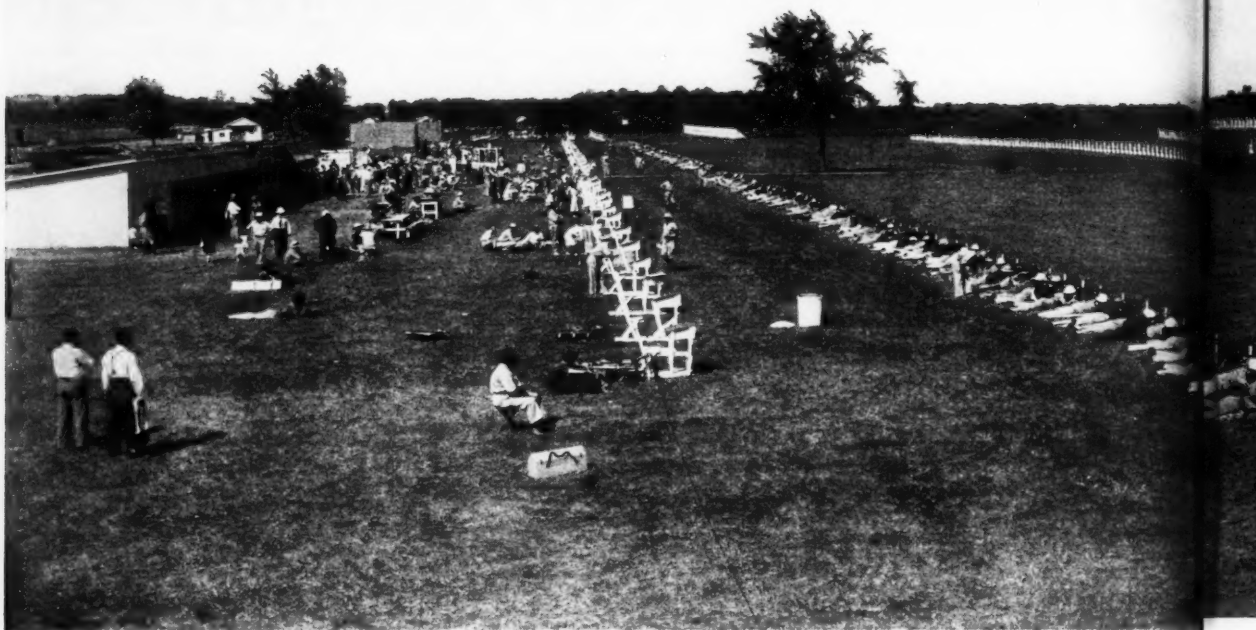
"What did you get, Bill? What's the highest so far? Wha-a-at! Say, I've got that beat! Where's that Bulletin Board?"

In its essence, Camp Perry is as personal as that. Men point proudly to their names in 175th place, as well they may with ten times that many having shot against them. The names of the winners of the big matches are remembered and when they slip down in other matches, as they always do, the men who have tied or topped them take pride in the fact, though they may still be far below the medals. But the main thing remembered is what *team* or what *group* is showing best. Are the Marines "hot"? Is this the Infantry's year? The National Guard are showing well. The Civilians are kicking dust in a lot of people's eyes. The Los Angeles Police are hard to beat, or Detroit has a wonder crew. This is how the talk goes and gradually from day to day the friendly rivalries emerge which give color and drive to the matches. Often the grandest battles are staged unnoticed by individuals or teams whose scores are so low as to never appear on an official bulletin, but the *shooters* know what they are and take their "trophies" in the form of perpetual bantering, small bets or free meals.

The Matches this year were probably the best from every standpoint that have yet been held. The weather has much to do with the good spirits of competitors and range personnel alike—and the weather this year was more nearly perfect than the most optimistic could have hoped for. One shower during "School Week" and one during the National Pistol Team Match were all that occurred to wet the shooters while they "worked." It was not always ideal shooting weather—there were boiling mirages, strong winds, fishtail winds and gray days with tricky light changes for service sights—but these things are a part of the great business of "separating the sheep from the goats" and as long as men can go about dry shod and comfortably warm they take the "breaks of the game" with lugubrious but good-natured attitude.

Perry for years has started with the "school week." From the Junior School on the right to the Police School a mile and three-quarters away to the left, the ranges are covered with little groups of a dozen shooters and an instructor working at sighting bars, position drills, dry practice and the other things that go into the proper education of the rifleman and pistolman. In the past there have been those who felt that their time was wasted in going over old familiar ground during school week and who complained because empty targets were not being used for actual firing.

This year there were additions and innovations in both the .30 caliber rifle and handgun schools which not only eliminated these complaints but called forth the most uni-



versal commendation that has been heard at Camp Perry since the Small Arms Firing Schools were introduced almost a score of years ago.

For the .30 caliber riflemen there was an Advanced Course this year. It was open to Team Captains and Coaches and to men who held a certificate from some previous year's school. In addition, these certificate holders were required to show that they had made 270 or more in a preceding National Individual or National Team Match, or that they had placed in the President's Hundred or in the Grand Aggregate Hundred or had won a place medal in some one of the more important N. R. A. .30 caliber matches. With such a select group, only a few hours were devoted to a refresher course in fundamentals. The rest of the time was given over to actual range firing, instruction in the theory of team coaching and the selection of shooting members for teams, wind doping, the study of mirage, advanced instruction methods and team organization and control. 408 team officials and competitors went through this advanced course.

The Basic School, dealing more with the fundamentals of aiming and squeezing, sight adjustment and position, had an enrollment of 1467.

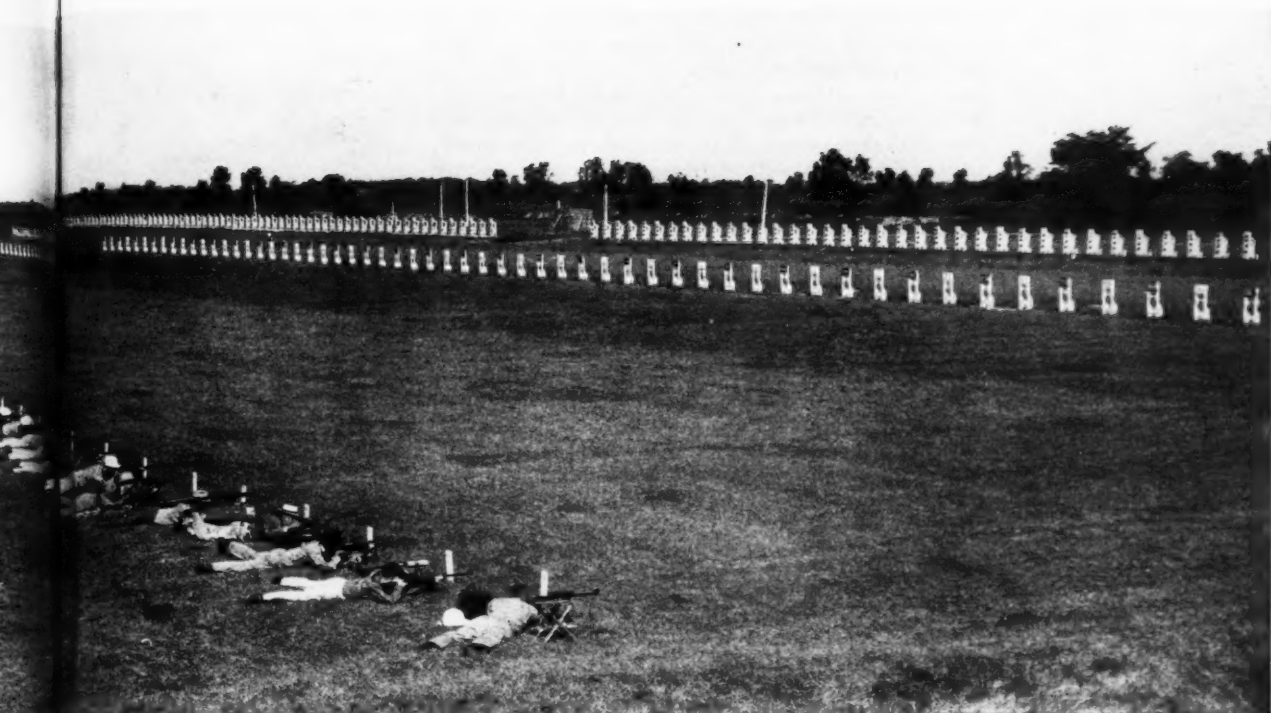
On the pistol range, the advanced school was not undertaken this year, pending the tryout of the idea with the larger group on the Service Rifle ranges. In the opinion of Camp Perry-ites, however, the pistol school this year was immeasurably improved in several important aspects. Groups were more carefully divided for instruction purposes, dependent upon the type of arm in which they were interested. As a result, the peculiarities of grip and squeeze required for each type of gun could be more carefully explained. Dry practice is the essence of successful revolver and pistol marksmanship, and a great deal more time was devoted to dry practice this year than has been the case previously. As a result, those in attendance at the pistol school were much more proud of their scores when they actually began firing ball ammunition. Furthermore, by reason of improved target facilities and careful scheduling, it was actually possible for everybody to get more real shooting this

year than has been the case in the past, even though there was also more dry practice.

There were 370 students in the pistol schools. The customary personal defense, jiu-jitsu, and Thompson sub-machine gun schools were conducted for the benefit of the police officers only.

Everyone hopes that the advanced school idea will be added to the pistol schools in 1939.

193 youngsters between the ages of 12 and 18 took part in the Junior School with .22 caliber rifles. The average Camp Perry-ite, being more interested in the future of rifle shooting than anyone else, seems to take a keen personal delight in stopping by for a few minutes on his way to and from the other ranges to watch this Junior School in operation. It is an inspiration, too, to anyone interested in the development of American youngsters into good citizens. They are a typical cross-section of American boys and girls. Some are passing through the "awkward age," some are well-knit and thoroughly capable looking. Many of them bring their own rifles to the school, light, single shot affairs or high quality match arms. Some take advantage of the issue by the Ordnance Department of the .22 caliber Springfield. Working in small instruction groups, or spread out on the fifty-point firing line, they learn a great deal of value other than the mere mechanics of shooting well and safely. Once registered in the school, they are made to feel that they are expected, and trusted, to act like responsible citizens. Treated always like young ladies and gentlemen, they nevertheless are not babied. Assigned definite hours to do definite things, they learn the value of concentration and punctuality. They accept discipline cheerfully because everyone around them so accepts it and because they learn that discipline, after all, is no more than applying the rules of common sense. Continuously impressed with the necessity of safety, they learn that carefulness and thoughtfulness is essential to their own well-being and to that of others. Regular daily matches being a feature necessary to maintain youthful interest, they learn to accept success modestly and defeat cheerfully. While all firing up to this time has been



at 50 feet, it is hoped that next year an advanced school may also be established on the junior range. Such an advanced school will provide for firing at 50 yards or perhaps even 100 yards, so that the future Dewar and National Team Match shooters may learn some of the essentials of wind doping and sight correction for mirage and changing light conditions. In order to equalize competitive conditions, the juniors are divided into two groups, the younger, twelve to fourteen years of age, and the older, fifteen to eighteen years of age.

The outstanding performers in the younger age group were Anna Lou Ballew, 14 years of age, of Mannington, W. Virginia, who won three of the four daily matches and the Whistler Boy Trophy with an aggregate of 1001 x 1100. John Fondahl of Washington, D. C., took winning honors in the two position event and Ralph Everly of Dubuque, Iowa, placing in the daily matches, came in as runner-up for the aggregate.

Blaine Ulmer of Webster Groves, Missouri, and Robert Lafferty of Aurora, Illinois, set the pace in the senior group with Blaine taking a first, second and third in the daily matches and the Whistler Boy Trophy with an aggregate of 1039 x 1100. Lafferty gained headway as the matches progressed, taking second place in the three position match, first place in the four position match and the Individual Championship and trophy with a four position score of 375 x 400.

As the Junior School concludes with National Junior Championships, so the Police School ends with a series of Police Matches which serve to crystallize under competitive strain the principles and theories learned during the instruction period. These two events, an individual match and a four man team match, called for five shots on the running man target at a distance of 50 yards, five shots at bobber targets of varying dimensions which appear unexpectedly out of the tall grass and bushes as the police officer walks through the scrub, and five shots at targets which may appear in doorways, windows or from behind old trash barrels as the police officer makes his cautious way down the famous "Hogan's Alley" range. Popular victories were hung up in

both of these matches when the well-liked and splendidly trained Pennsylvania Motor Police Team took first place in the Team Match and T. E. Eshelman, of the same outfit, won the individual. In neither case was the victory an easy one, because the Detroit Police Team tied and was outranked in the team event, while R. R. Wagner, of the Cleveland Police, tied and was outranked by Eshelman in the individual match.

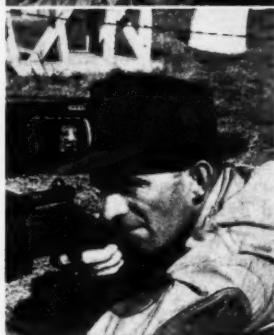
Friday night the important question, "What relay do I draw" was answered as a long queue of shooters passed before the squadding windows and were issued the little squares of cardboard which told them the time and target number for the firing of each of their matches on Saturday.

Saturday's matches on the pistol range concluded the events limited to police officers. As it was at Miami and at Tampa, so it was on Saturday at the pistol range. It was Detroit's day. The bulletins published elsewhere tell the story of the scores. But only those who have watched this aggregation of .38 revolver stars perform can appreciate the unruffled speed, the good humored determination and the courteous modesty with which this Detroit Team goes about the business of "pinning the ears back" of their rival competitors.

A colorful addition to the pistol ranges at Perry this year was the Mexican National Police Team. Snappily uniformed, handicapped by their lack of knowledge of the English language, uniformly courteous and fine sportsmen, the Mexicans made many friends on the pistol range. All of the matches were opened to them, and Alcantara won the first of several medals for his team when he placed second in the Police Restricted Class Match on Saturday.

Saturday on the small bore range was something of a get-acquainted day for competitors and range personnel and called for the firing only of four single stage events, none of which were a part of the Aggregate nor of the International Team Tryouts. Nevertheless, the entries ran close to 250 in each of the two open events and the scores gave promise of the terrific battle for X's which lay ahead.

Small-boresmen



Meanwhile, on the .30 caliber ranges new records for number of entries were established when the Crowell called out 1670, the Members' Match 1944, and the Navy Cup, offhand classic, 1991 entries. This was the Infantry's day on the .30 caliber range, with the Doughboys taking first place in all three events. The winning scores in the two 600 yd. matches fell considerably short of the records in these events, but Corporal Baker equalled the record for the Navy Cup with a spanking 98 x 100.

Sundays at Perry are a day of rest for all the competitors except the small bore clan. Because this particular Sunday afforded the only opportunity that the .30 caliber shooters had to shoot small bore without rushing from one end of the range to the other, the turnout for the Preliminary Dewar and Preliminary R. W. S. topped all existing records by a wide margin. 551 men completed the Preliminary Dewar and 400 completed the Preliminary R. W. S. Familiar figures topped both bulletins when the soft-spoken Charley Hamby, of Georgia, went clean over the Dewar with a 400 score which included 31-X's, and the equally soft-spoken Vere Hamer, of Iowa, won the R. W. S. with the only possible score registered by the four hundred competitors.

Lights burned in the small bore statistical office until long after midnight as the scorers pored over more than 1900 targets, checked for crossfires and doubles and went through the interminable business of counting X's, shots of lowest value and all the other things that scorers have to do nowadays to establish the final ranking of competitors in a small bore match.

And so, through the following week of sunshine and mirage, gray days and shifting wind, the three groups, .30 caliber, small bore and pistol, fought it out on their respective ranges.

As is always true at Camp Perry, no one individual or team was ever able to dominate consistently. The Infantry won the Marine Corps, but a civilian, Vic Massie, of California, shooting as a member of one of the American Legion Teams, took second place only two V's behind the Doughboy Jenkins, and Frazer of the Marines tied Massie but was outranked.

In the Coast Guard, where practice and an exact knowledge of zeros is such an important factor, the Marines took the first two places.

The Infantry came back in the Leech when Giacabbo turned in 105 with 14 V's, outranking Barrier, of the Marines. The perfect score of 105 with 15 V's is still to be attained in the Leech.

Camp Perry's only snapshooting event, the Camp Perry Instructors Trophy, offhand surprise fire at 200 yards on the "B" target, showed a 25% increase in entries when 1118 men drew squadding tickets. John A. Norman, of the Georgia Civilian Team, attained the unique distinction of being the only civilian winner of an open .30 caliber match at Camp Perry this year when he registered a possible with seven V's in this match.

The powerful California delegation (there were nineteen rifle and pistol shooters at Camp Perry this year from the Burbank Rifle Club alone) ran rampant in the Civilian Club Members Trophy Match when they took four of the ten places including first and second.

The classic Wimbledon was a heart-breaker in more ways than one. Sergeant V. J. Kravitz, of the Marines, had both victory and a new 1,000 yard world's record in his grasp when he bored his first nineteen shots into the V-ring, but the twentieth shot was a five. Kravitz won the match, but failed to equal the performance on the record book of his brother Marine, Marine Gunner H. P. Crowe, who in 1936, without the aid of preliminary sighters, registered a five on his first shot and then ran nineteen straight V's. C. H.

Small-boresmen



The Chief—The School



Vincent, of Michigan, just missed the call to glory when he, too, saw the spotter come up for a five instead of a V on his twentieth shot, giving him the high ranking 100 x 100 with 18 V's for second place.

The DuPont All-Around Trophy, the most gruelling test afforded at Camp Perry, was won handily by a veteran of the Coast Guard, Gunners Mate First Class M. O. Wilson, who shoots the Springfield, the .22 rifle or any kind of handgun whenever he has the opportunity at registered shoots all over the country, and who paced the field with the fine total of 1054.

Another old-timer, the 1937 winner of the Leech, Platoon Sergeant E. V. Seeser, of the Marine Corps, won the coveted President's gold medal. Of late years there has been an increasing effort to do honor at Perry to the man who wins the President's. So on Sunday, to the combined music of the Army Band and Marine Corps drums and bugles, and behind the massed colors of the teams which finished in Class A of the 1937 National Team Match, the "President's Hundred" paraded the range. Major General M. A. Record, Executive Vice-President of the National Rifle Association, pinned the winner's gold medal on Sergeant Seeser and the silver medals on the winners of the various special trophies. Then the Sergeant, standing beside the General, saw his fellow competitors, the President's Hundred, pass in review.

On the pistol range the pace was terrific. Monday, devoted to the .38 caliber revolver, found the "Detroit wrecking crew" up to their old tricks, Hemming taking first in the Timed Fire Match, Lalonde first in the Medalists' Match and second in the Rapid Fire Match.

Askins won the slow fire event and Baldwin, of Miami, only in his second year at Perry, won a popular victory in the Rapid Fire Match. The rest of the week each match was anybody's guess. The bulletins tell the story of shifting fortunes, beautiful holding, and disappointments as tied scores were ranked and shuffled into descending order.

The outstanding performance, if outstanding performances can safely be selected out of such a week of shooting, was probably turned in by the lanky, bashful-appearing Percy M. Chapman, of the United States Customs Border Patrol, who somewhere found a "group tightener" such as has never before been located at Camp Perry, to win the Clarke Memorial .38 Revolver National Match Course Trophy with a score of 291, four points ahead of Captain Sidney R. Hinds, of the United States Infantry, whom the records show to be no slouch of a pistol shot himself.

The Los Angeles Police, who dominated the picture at Camp Perry in 1936-37, came at last into their own in the thirty year old N. R. A. Revolver Team Trophy Match, oldest and therefore most eagerly sought for of the pistol trophies awarded by the N. R. A. at Camp Perry. Their score of 1069 gave them a fair margin but a none too comfortable one over the rapidly improving Miami, Florida, Police Team, which in turn finished just one point ahead of the United States Treasury Team, another of the newer groups which will bear watching in the future.

On the small bore range at Perry these days, the entry lists are so large, the accuracy so superb, that the margin of victory is a mere hairline. A casual glance at the bulletins with their long strings of possibles and near possibles very rarely affords an opportunity to pick out any outstanding shooter in the week's series of matches. Winners seldom repeat. More and more the daily matches have taken on the status of preliminary legs on the Critchfield Aggregate Trophy, the real National Small Bore Championship of today. This condition was amply illustrated this year when William B. Woodring, of Illinois, winner of only one of the many matches in the small bore program, nevertheless

Police



Action



emerged the final victor in the Small Bore Grand Aggregate, barely nosing out by a higher ranking score Paul G. Bomgardner, who himself had finished at the top of only one match bulletin.

Woodring, in winning the Critchfield Trophy this year, established a record which will probably be long standing, not by reason of a record score, but because this is the third successive year in which he placed himself at the top of the greatest collection of small bore shooters, which it is possible to gather together on a common firing line in the United States.

It might perhaps be said that the other outstanding performance on the small bore range this year was that of Stuart Edwards, of Nebraska. In the eyes of small bore shooters, the Pope Match at Camp Perry, twenty shots at 50 meters, standing, may not loom as the most important event, but all who saw Edwards' performance will long remember it. With a standard target rifle, unadorned with set triggers, palm rests or Scheutzen stock, he stood on the firing point, slipped in a clip of ten cartridges, raised his gun in the regular military offhand position, and without further formality proceeded to let off the ten rounds as his sights swung into position under the bullseye. He didn't bother to sit down and rest between shots, nor when he loaded a second clip of ten. He completed his string, gathered up his gear and left the firing line. He won the match with the fine score of 180 x 200, and the bulletin shows the type of experienced offhand free riflemen that he beat. Asked later how he was able to shoot such a score from the military offhand position and without the aid of those gadgets dear to the heart of the offhand rifleman, Stuart Edwards' response will probably become a classic of the Camp Perry small bore range. He said: "I just load 'em in and then stand up and shoot them,"—a remark somewhat similar to that made by one of the pistolers who advised the novices on the pistol range to "just stand up there and squeeze her till she pops," or that other classic of the Perry ranges elicited when some competitor, taking his place on a firing point just evacuated by a Marine in the midst of a husky Camp Perry breeze, inquired of the departing Leatherneck, "Mister, how much wind shall I take?" Said the Leatherneck, sliding his shoulder into the sling of his Springfield, and taking up his dope bag, "Take all you want, buddy, there's plenty there."

Climax of the small borer's week at Perry still remains the International Team Matches. This year's Dewar and R. W. S. Teams were selected not only on the basis of scores made during the week, but more particularly as a result of two final eliminations fired in the morning and afternoon of the days immediately preceding the firing of the respective International Matches. It was the belief of N. R. A. officials that these final eliminations would serve to show which shooters were going well at the time that the match was to be fired and would also serve to eliminate competitors who might have a tendency to "blow up" when the heat was on. It would not be fair to say that this system of selection was alone responsible, because weather conditions were excellent on the morning that the Dewar was fired. Nevertheless, the fact remains that the American Team established a new record for the Dewar Trophy Match, with a total score of 7953. The team score included four 400 possibles and topped our principal opponents, the British, by 53 points. So the Dewar Trophy before long will return from its home in England to its adopted residence in Washington.

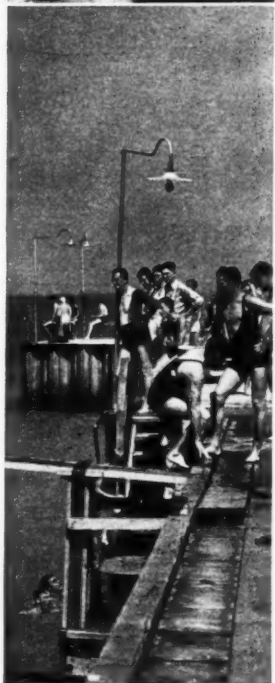
The R. W. S. Team failed to establish a new record, but turned in a total of 3952 against Great Britain's 3915. The German scores are unreported as we go to press.

The Railwaymen's Team, with better publicity prior to

Color



Off-hours



Camp Perry and a larger group of railwaymen to draw from in the selection of the team, also turned in the excellent score of 7833. The British Railwaymen, firing on September 18th, have not reported their scores up to the time that this is written, but America won last year with 7796. Neither are any scores available from other nations in the Fidac Match, in which the American Legion Team hung up 1964.

Last year the pistol men were given their first opportunity to fire in an international cable match through the introduction of the .22 caliber match at 20 yards against the British. The American Team was selected in much the same manner as that used to select the Small Bore International Rifle Team and as a result the team roster reads like a "Blue Book of American Pistol Shooters." The American Team total of 1815 was 57 points higher than last year and was far ahead of Canada's 1692 and Great Britain's 1683. The Cuban Team, firing during the latter part of September, will probably nose into second place in this event, as several years of experience at Tampa and Miami have developed our Cuban friends into excellent shots.

Camp Perry's third week is "National Match Week." It is during this third week that the Matches are fired which have been designated by Congress as the official federal competitions to determine National Champions with the Service Rifle and Service Pistol.

Wide open spaces began to appear in the competitors' camping area and in the tightly packed automobile parking areas as the small bore shooters and a majority of the revolver shooters rolled out of camp with the posting of the final bulletins on the N. R. A. events. Those left in camp are largely members of the regularly organized National Match teams and Regular personnel who have their hearts set on earning "a leg on Distinguished."

The National Individual Pistol Match has developed into anybody's fight. Once again the Service Pistol classic went to the Los Angeles Police Department, when Officer C. E. Ward turned in the remarkable score of 95 slow fire, 95 timed fire and 95 rapid fire, for a national individual record total of 285 over the course—11 points over the record established by Jones of Los Angeles last year. Al Hemming, of the Detroit Police, took second place with 274 by virtue of a fine 98 at rapid fire, which enabled him to outrank Mark Wheeler, of the Los Angeles Police, who had the same aggregate. California sent a Civilian Pistol Team to Camp Perry this year, the only state to be so represented. Hagan, of this California Pistol Team, went into fourth place with 272, his 96 at rapid fire giving him the ranking place over Tumlin, of the Infantry, and Linfoot, of the Marines. These two members of the Regular establishment, plus Moore, of the Marines, who finished in eighth place, were the only three Regulars to place in the first ten.

The National Pistol Team Match was a triumph for a young Infantry Team captained by Lieutenant Charles G. Rau, who has become a familiar figure in the past few years with the teams of Doughboys from Fort Benning who have participated in the National Mid-Winters at Tampa. This Infantry Team was not to be denied, and they came through with a sparkling 1335, 27 points ahead of a Los Angeles Police Team composed largely of new men because of the operation of the eligibility rule. The Infantrymen established a new record for the National Team event at Perry, topping by 3 points the high score established by last year's veteran Los Angeles Police Team. The Marine Corps went into third place, five points behind the Los Angeles Police, and the California Civilian Pistol Team took fourth, two points behind the Marines. The bulletin shows plainly how police and civilians, National Guard and Regulars, now meet

The fair sex



each other on an "even-Stephen" basis in Service Pistol competition. No pistol match these days is decided in advance just because of the Service or non-Service connections of the competitors.

The National Individual Rifle Match was an air-tight struggle. It is unfortunate that the tremendous entry list in this event makes it impossible to follow the rising and waning fortunes of the various competitors. Consider, if you can, the excitement that would have resulted had it been possible for the competitors and spectators to realize that over this long course of fire two men were finishing with a tied score of 287, a third was coming in with 286 and four more with 285's. Corporal M. J. Holland, of the Marines, with a 95 at 1,000 yards, was the man who finally emerged on top, outranking Private First Class B. J. Skonieczny, of the Cavalry. Staff Sergeant J. M. Reynolds, of the Engineers, finished third with the lone 286, while Disco, of the Marines, Jenkins, of the Infantry, Roth, of the Cavalry, and Reynolds, of the Cavalry, were ranked in that order with aggregates of 285. R. L. Ibach, of the Wisconsin Civilian Team, was the high civilian in 11th place with the low ranking 284, closely followed in 12th and 13th places by Rogers, of the Montana Civilians, and Jacobson, of the Oregon Civilians, with 283 each. Culver, of the Infantry, ranked in 14th place with 283, and Superior Court Judge Hilliard Comstock, of the California Civilians, went into 15th place with the same score.

Regardless of what may have gone before, the National Rifle Team Match is the big event at Camp Perry. Though the publicity goes to the winning team, there is just as much thought, care and perspiration put into the match by teams which have no hope of finishing even in Class A, but have set their hearts on beating the team from some rival state which beat them last year. The match almost invariably is decided at the 1,000 yard stage, and when the first day's scores are all in, team captains and coaches gather around the big scoreboard to determine how many points they will have to pick up or how many points they can afford to drop at 1,000 yards and still finish higher in the list than their particular rivals.

The 1,000 yard stage this year was a tricky one. The wind fish-tailed from five to eight o'clock, and an overcast sky resulted in that hard, uncertain light which brings gray hair to the long range rifleman shooting Service sights.

The battle for top place was, as usual, between the Infantry and the Marines. The Infantry were out in front seven points at the end of the 600 yard stage and they stretched their lead as the pairs went on the line and came off at 1,000 yards. The Marines, as is their custom, were shooting rapidly and their last pair came off the line just as the last pair of the Infantry fired their first shots. With the Marine scores all in, the Infantry had twenty-six points to play with as the last pair started to shoot. Wind and light changes came more frequently and the Doughboys' anchor pair ran into immediate difficulty. What had looked like a safe Infantry lead melted so rapidly that dramatic tension replaced the bubbling enthusiasm of the infantry supporters massed behind the target. Things finally reached such a point that with each man having only one shot left to fire, if both shot threes the Marines would tie and outrank the Doughboys. Captain Lloyd's last shot for record swished down the range and the target went into the pit to come up quickly with a white spotter and the white disk signalling a five. This left the situation entirely in the hands of Sergeant Culver. A miss meant victory for the Marines, a two would bring victory to the Infantry. Culver let off his shot and the target went into the pit where it remained for an interminable period of time. Quiet

groans could be heard from the Infantry supporters, but Culver himself began gathering up his brass and did not appear to be disturbed. Eventually the target came out of the pit very slowly with a white spotter showing at 11 o'clock and the Infantry after five years of valiant effort had replaced the Marines as the Service Rifle champions of the United States by the bare margin of four points.

But, dramatic as this battle for first place proved to be, the most gratifying part of the entire struggle, the thing which sang the praises of the Advance School, lay in the fact that for the first time in the history of the matches four civilian teams placed in the coveted Class "A" group, and the hard-holding California Civilian aggregation went into fourth place, the highest place ever attained by a Civilian Team in the National Team Match! Not only that, but a National Guard Team, which even at the end of the 600 yd. stage had not been considered a contender, the Maryland National Guard, shot its way into ninth place and the Hilton Trophy for the high National Guard team, a showing for which the major credit is given by Captain Terry, Captain of the Free Staters, to things learned in the Advance School.

The California Civilians praised the coaching given them by Sergeant Raymond E. Chaney, veteran Marine Corps shot, ineligible to fire as a member of the Marine Team this year and assigned to the California Civilians as team coach. The fine coaching and perfect team work of the California squad is well demonstrated by the fact that their low score under the tricky conditions prevailing at 1,000 yards was 84 and they had only three scores under 90.

The performance of the Maryland National Guard is highlighted by the fact that they were coached by their own National Guard Team Coach, Captain Victor P. Gillespie. Lack of experience as compared with that of Sergeant Chaney was probably indicated by the low score of 76 turned in by one of the Free State shooters at 1,000 yards. But this was more than offset by a 98, a 96 and a 95.

A complete check of the National Team Match records cannot be made up to this time, but it appears as though this 98 turned in by Private John L. Glanville, of the Maryland National Guard, was the high individual score on a day more notable for threes and twos than for fives and fours.

Typical of the battles which take place unheralded in the National Team Match was the struggle between the Washington National Guard and the Washington State Civilian Team. They finally finished in tenth and eleventh places with the Guard leading the Civilians 2687 to 2686.

Another outstanding performance was that of the Ninth Corps Area C. M. T. C. Team. Just what can be accomplished with a group of young shooters under proper instruction and coaching was demonstrated when Major James P. Lyons, veteran Infantry team shot, coached these boys into first place in Class B and victory by a wide margin for the Minute Man Trophy. The lads from the C. M. T. C. camps of the far west finished only five points behind the Kansas Civilians and topped the old familiar Massachusetts National Guard by two points by virtue of an 870 aggregate at 1,000 yards as against the Massachusetts Guard 1,000 yd. total of 869.

Exactly as the last shot was fired in the National Team Match, it began to rain. Already many of the teams had cleaned their rifles, turned them in to the Ordnance, and automobiles with the license tags of forty-eight states were passing out of the gates of Camp Perry to signal the close of what were universally acclaimed as the best National Matches held since Congress under the urging of the National Rifle Association authorized the holding of Annual National Rifle and Pistol Matches in 1903.

HUNTING MARKSMANSHIP

By LT. COL. W. D. FRAZER

THE MAJORITY OF big-game hunters are poor shots and poorer riflemen. The bullseye shooter is generally a much better marksman and knows much more about his equipment than the average hunter. If the latter could be induced to learn the capabilities and limitations of his arms, and the target shot something more of stalking and the habits of game, the "luck" of both parties in the game fields would be much more satisfactory.

During several hunting seasons in the Maine woods two decades ago, my pet peeve was to hear so many guides and native deer hunters there brag about always getting their buck if they could only "see him jump once". After watching a few of those individuals shoot both at game and when they could be inveigled into a little match of a rainy day, I marveled that they ever got their deer. Then game was not so scarce as it is today, and the mediocre shot who knew how to find and stalk well, frequently got close enough to kill, even with poor marksmanship. Hunting knowledge and experience made up for good shooting, and an occasional lucky shot at running game accounted for much of the boasting so frequently heard. In those days the city "sport" was much more an object of contempt among the backwoodsmen because of poor marksmanship than he is today, for the popularity of riflery as a national sport was just coming into its own, even though we always did boast of being a nation of riflemen.

With the sensational growth of small-bore and military rifle marksmanship among civilians, to say nothing of the strides in the development of sporting rifles, there has been a tremendous increase in the number who annually go afield to try their hand and eye at animate targets instead of bulls-eyes and silhouettes. These hordes over-run our woodlands today, make game-getting quite difficult, and if one hopes for success he must develop a high degree of skill in sporting marksmanship, and a broader knowledge of hunting.

There are certain stupid absurdities concerning technique and equipment with which many hunters seem possessed and which reduce their chances in the field. Among these is that all-too-generally accepted idea that rifles received from the shop or factory are sighted to hit where they are aimed, at any or all ranges. Another is that a rifle once sighted-in remains so, and can be laid away from one hunting season to the next with full confidence that it will "shoot straight"—whatever that means. In spite of all the improvements in aperture and telescopic sights, there are still many who insist that the old V-notched open sight is par-excellent for game shooting. And finally when it comes to shooting technique, most hunters believe that the standing or offhand position is the only possible way in which game can be killed efficiently.

For their annual hunt men spend "oodles" of money on equipment, and for guides, camp expenses, and "what-have-you", but sacrifice all their chances of killing their own trophy by a short-sighted policy of unpreparedness in rifle marksmanship. The average business man who hunts uses as little good judgment in selecting his equipment as many people do in driving an automobile. With several excellent arms-and-ammunition columns maintained by our leading outdoor magazines primarily to assist him in his shooting problems, the hunter will take instead the advice of some hardware salesman who never hunted in his life, and only knows what he thinks he knows because someone else told him.

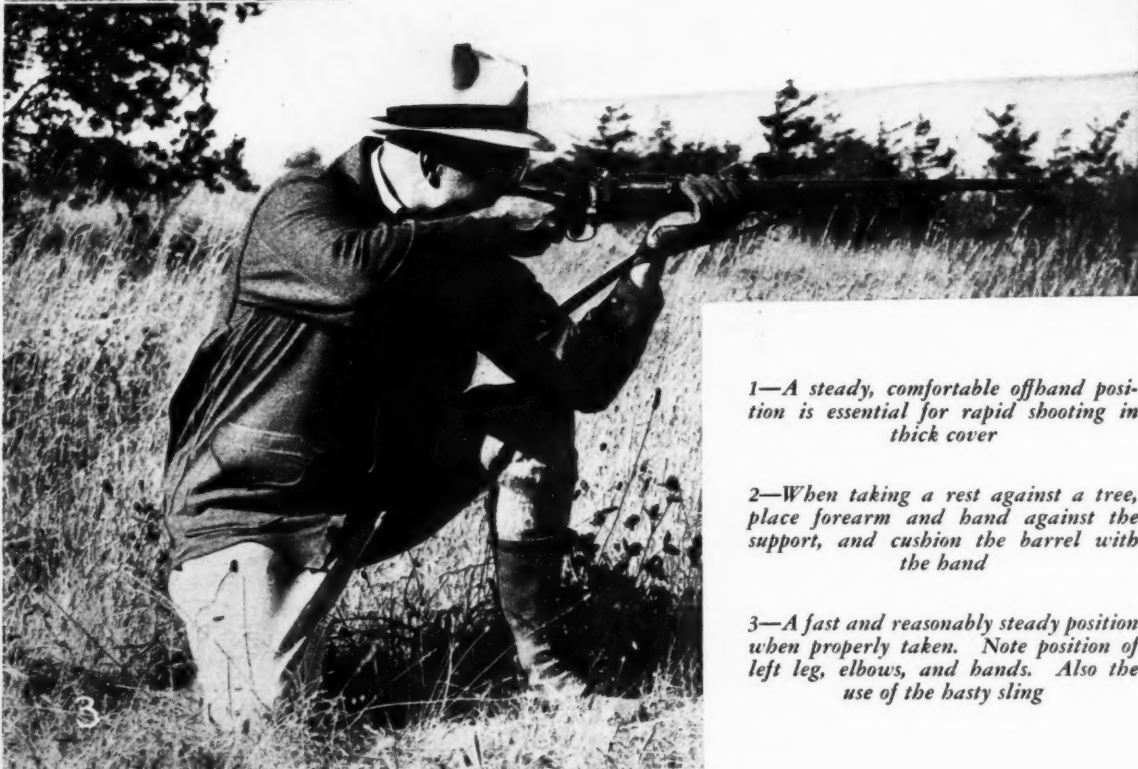
A basic principle in selecting shooting equipment should be always to choose a rifle and ammunition suitable for the game hunted. There is no sense in buying a .600-bore double elephant gun to kill White Tail or Columbian Black Tail deer with, nor is it logical or sporting to use .22 small-bore guns on elk, bear, or moose. There are many excellent American-made rifles suitable for any game found on this continent, with a great assortment of splendid cartridges adapted to them. It is perhaps wiser, nowadays, first to select one's ammunition on the basis of its ballistic efficiency, and then choose the type of rifle in which to use it—giving due consideration to one's preference for bolt or lever-action arms.

For all-around shooting of game up to and including deer, the new .257 Remington-Roberts cartridges are excellent, and can be obtained with 87, 100, and 117-grain game-pointed bullets. These have a high velocity and fine accuracy. After observing the effect of the 87-grain load on mule deer, mountain goats, and moose during the last two seasons, in the expert hands of two of my friends, I am convinced that even this lightest of the three loads is satisfactory on game larger than deer, when used by good shots. It is believed, however, that the 117-grain bullet would be better for such animals, although I have no actual experience to prove it.

Probably the most popular of the modern cartridges for big-game shooting, and one that has stood the acid test of over 30 years of use, is the .30-'06 ammunition, with its great variety of loads. Adapted originally in metal-cased-bullet form for the United States Army rifle, the 150-grain spitzer bullet was the forerunner of a series of loads that have improved with time, until we find them in every desirable weight of bullet from the fast 110-grain missile to the heavy 225-grain big-game killer. One will not go wrong in selecting for American hunting a good rifle chambered for this ammunition, but he will be well advised to be careful to select the best cartridge for the particular game he intends to hunt. Other excellent cartridges for our game are the .270 Winchester, the 7-mm. Mauser, the .300 H. & H. Magnum, and the .35 Whelen. While this is by no means all of them, these can be recommended as thoroughly reliable. If one is limited to a single rifle, this writer believes that a good bolt-action chambered for the .30-'06 ammunition is still the best bet, all things considered.

Among the pet aversions of the target rifleman is the alibi artist who is continually boring his colleagues by his silly attempts to explain away his poor shooting. But even he hasn't much on those would-be hunters whose interminable crabbing on the lack of killing-power of our ammunition gives one a chronic pain in the neck. Those who grouse the most are usually the poorest shots, and we find them everlastingly seeking a panacea for their poor marksmanship in a different caliber or a larger load—something that will stop game whether it be hit in the head or in the hocks. If this brand of hunter-rifleman would spend a fraction of his talking time in the study and practice of hunting marksmanship, his trips afield would be more profitable to himself and less annoying to those who have to listen to him. Efficient ammunition is always desirable, but good riflery spells success on any hunt.

Last fall a prominent local sportsman using a fine, accurate, high-power rifle equipped with a Lyman 48 rear sight,



1—A steady, comfortable offhand position is essential for rapid shooting in thick cover

2—When taking a rest against a tree, place forearm and hand against the support, and cushion the barrel with the hand

3—A fast and reasonably steady position when properly taken. Note position of left leg, elbows, and hands. Also the use of the hasty sling

4—A fine sitting position on a slope, with elbows well forward and inside of knees

5—The cross-legged position. More difficult to learn, but the steadier of the sitting positions

6—The steadiest of all shooting positions, and often quite practicable in mountain hunting



had, in the four-day open season on elk in Eastern Washington, two good chances to bag a trophy, and failed in both. The first was a comparatively easy shot at a medium-sized head, and the other a chance at a magnificent bull standing in a small clearing some 250 yards distant. Not until after his second failure did he think to examine his sight, and found that it had been raised until it was set for approximately 600 yards. Whether his misses were the result of his sight-setting or of his poor shooting, will never be known, but the chances are it was a combination of both, which could have been prevented by a little foresight in sight adjustment and a little practice in shooting.

While there is little doubt that the real test of hunting marksmanship is the ability to shoot from the standing or offhand position, the average hunter would probably do better if he fired from almost any other position, and took advantage of all the shooting aids available. There once was an old saying that went the rounds, to the effect that if one would live to a ripe old age he should never stand up when he could sit down, and never sit when he could lie down. Something of the same idea should prevail among riflemen if they want to get game, especially when it is a long way off. Obviously, in a thickly wooded country where chances are fleeting and bounding deer or trotting moose soon vanish behind trees and underbrush, it is necessary to "stand up and shoot like a man". This position is acknowledged to be the most difficult from which to fire accurately, and yet not a hunter in a carload thinks it possible to kill game in any other way. Last fall in British Columbia I was the amused witness to the spectacle of a companion standing and emptying his rifle at a trotting moose that was at least 800 yards away, and going strong. To make matters more ridiculous, he could just as well have fired from a steady sitting position, for he was on the top of a cleared knoll, with unobstructed field of fire. No, he didn't get the moose.

There are times even in thick forest when one can take a kneeling or sitting position if he knows the technique of doing it quickly. Sitting is to be preferred always, as it is steadier. In mountain hunting for sheep, goat, mule deer, and caribou, where long shots are usual, offhand firing is as foolish as it is futile, and the hunter who knows the fine points of prone, sitting, or even rest shooting, will get game where his less qualified companions haven't a chance. A little knowledge of these positions, and a little practice in taking them, will enable the hunter to get a good rest for his rifle barrel, and give him a confidence he does not have when firing offhand. Men unaccustomed to firing in this way think that it is too slow for game-killing, but they could take a leaf from the military rifleman's book in this respect, for he is "tops" when it comes to accurate rapid fire. He thinks nothing of going from the standing to the sitting position and firing five carefully aimed shots, reloading and firing five more, all in 60 seconds; and this at a 10-inch bullseye at 200 yards. At this range a good shot will average around fifty percent of hits in the bullseye, and the others will be mighty close. The sitting position can be most readily taken on a slope when one fires downhill. On level ground an excellent method of getting down is to first cross the feet, and then by taking a squatting position, lower oneself to the ground, breaking the fall with the right hand. If one can fire from the cross-legged position he is all set to go as soon as his buttocks hit the ground. This position is not one for those who possess a "bay window," and hunters so proportioned will have to try kneeling instead. With practice it is also quite easy to go from standing to prone position and fire an aimed shot in 3 seconds.

Of course shooting at a bullseye target or the silhouette of a man, on a target range, is quite different from hitting

a running deer in the brush, for in the latter case one is likely to get but one single shot, and that one shot will be all that counts. This being the case, it is all the more necessary that a rifleman train himself in getting in one shot quickly.

The technique of any form of shooting demands that the first step be that of taking a proper position. This means placing the feet so that the body is reasonably well balanced and so that the rifle can be brought to the shoulder smoothly and quickly. This enables the marksman to complete the aligning of the sights and the squeezing of the trigger in a minimum of time. For best results in rapid fire, a well-fitted gunstock is essential. This has long been appreciated by the shotgun follower, who insists that his stock fit him so that when he throws the butt to his shoulder his eye is aligned along the barrel and his cheek rests comfortably against the stock. Most rifle stocks are very poor in this respect, and it is only by careful selection, by alteration, or by having a stock made to one's specifications and with a good cheekpiece, that a rifleman can get a well-fitted one. While it is true that aiming a rifle is a much more precise operation than pointing a shotgun, and more care must be taken to bring eye, sights, and target into perfect alignment, there are times when split seconds count and a hunter must do some fast gun-pointing and snap-shooting if he hopes to get a jumped deer in thick cover. Then only a well-fitted rifle will permit the super-rapid catching of aim so essential to success. For woods shooting, where most deer are killed under 80 yards, one can get into action quicker by firing offhand than he can from the other positions, and for close shots such procedure is best, especially when game is moving. But even in thick country, shots at standing game are not the exception. We can recall occasions when we have seen a buck with his head cautiously projected from behind a tree or bush. When this does occur we may find the target too small for our skill in offhand shooting. Then if one knows how to take a rest against a tree or stump, or how to ease himself smoothly and quietly into a sitting position, he may be able to hit the small target presented.

In firing from a rest, the shooter should always be careful to cushion his rifle with his hand, and never rest the barrel or fore-end against a hard surface, for this makes the arm shoot differently than it will when fired offhand. It is well to sight-in a rifle carefully from a well-cushioned rest, and then to check it by firing a few shots very carefully offhand, taking great care to call each shot so that you are sure it goes where the sights were aligned at the instant the discharge occurred. A sand bag on the ground makes a good rest provided one places his left hand between the bag and the fore-end while he is doing this prone shooting.

Rifles that use ammunition with a velocity of 2600 or more feet per second should be sighted for 200 yards, as the bullets do not rise over three inches at any point on their trajectory. Such a range may not be necessary for shooting in a thick forest, but if there is a possibility of any long shots it is better to have 200 yards on your sight than something less. If one can always count upon close work, then sight the rifle for 75 yards; and in any case the sights should be adjusted so that the bullet will hit the point aimed at and not several inches high, as in bullseye shooting. For rifles with a velocity under 2600 foot-seconds it is better to sight-in at 150 yards if long shots are a possibility. For what might be called unusually long shots at game, such as 300 yards and beyond, one should know just how much higher to aim for the range at which he fires. Such shots are not at all unusual when hunting mule deer, sheep, and goat in the Western mountains, or even Caribou and Moose in certain localities. When it

(Continued on page 40)

WE SHOOT DOUBLE-ACTION

By WILLIAM E. PETERSON

NOTE: While civilian target shooters who have already spent years practicing the single-action method of shooting timed and rapid-fire, may not wish to devote the required additional time necessary to perfect themselves in double-action shooting, we hope that all of our readers who are police officers or police instructors will give more than passing attention to this article. Law-enforcement officers, we believe, can well devote a portion of their pistol practice to double-action shooting at one or more targets placed at other than standard bullseye-target distances and heights, for constant single-action shooting develops habits which tend to slow up a man when he is obliged to fire under service conditions. For the tyro, double-action practice is desirable because that is the method which he will follow instinctively in service shooting.—Ed.

THE WRITING of this article is undertaken in a spirit of profound respect and high admiration for the many nationally famous revolver experts who, with overpowering unanimity, state in flat, definite terms that the only real way to shoot a target revolver over the established courses is single-action. There may be slight differences of opinion as to how to grip the gun, how to cock it, where to hold on the target, but in the matter of double-action there are no two ways about it. For target shooting double-action is O-U-T.

Of course once in a while a freak comes along who can do fairly well at it, like the great McGivern. But men like that come only one in a box—and there are darn few boxes.

Still, why do the manufacturers put double-action mechanism in target revolvers, if one is not supposed to use it? Having thumbed my way, with varying degrees of success, through several years of single-action efforts to make five holes reasonably close to the little black spot before the 10-second whistle blew, I began to wonder if that double-action mechanism wasn't something more than a useless appurtenance, like the appendix in the human body. And, greatly daring, I began to experiment.

The first results, while not good, were not too discouraging. They did find the target somewhere, and they gave vent to a wonderful feeling that: "Gosh, if you only could shoot this way in timed- and rapid-fire, how nice it would be!"

But, almost with the first string, it became apparent that the usual single-action hand grip wouldn't do for double-action. The pull on the trigger was necessarily so heavy, and still so variable, during its long rearward movement, that it could not be closely controlled, and there was no knowing when the hammer would fall. So, since I had already flown in the face of all expert opinion, I decided to venture further into unexplored territory, and tried gripping the gun farther around on the right side, holding the trigger between the first and second joint of the forefinger, and permitting the tip of the forefinger to rub against the side of the trigger-guard and frame as the trigger was pulled. This acted as a sort of brake, stabilized the rearward movement of the trigger, and as practice made it habitual, became an effective means of developing that smooth, even action essential to good scores. This fingertip business is something I had never heard of before, and perhaps the authorities never did either. However, it seems to work.

About here it became painfully obvious that all guns were not alike in their adaptability to double-action shooting. I say "painfully" because, while my guns (.22 and .38) were of a make enthusiastically endorsed by revolver experts from coast to coast, still with double-action they

would occasionally keyhole a bullet into the target—and sometimes spit lead from the side of the gun. Further investigation disclosed the fact that this was caused by the failure of the cylinder bore to line up with the barrel bore when the hammer fell. In short, the hammer fell before the cylinder had time to register and lock in place. Experiments with borrowed guns of another standard make—whose adherents, seemingly fewer, made up for lack of numbers by the higher pitch of their enthusiasm—led me to join the latter group "lock, stock, and barrel," and trade in my guns on nice new guns of the make which my experiments had shown to meet double-action requirements.

Results immediately justified this move. The action of the new guns not only rotated and locked the cylinder in advance of the hammer-fall, but did it so far in advance that I could feel the drop of the cylinder latch into its slot while the hammer was still moving back. Thus the last part of the trigger-pull—and the only part that counts in accurate shooting—becomes a smooth even pull against the hammer-spring, with no shocks or jars due to the rotating cylinder, uneven sliding of hand against ratchet, or other mechanical action.

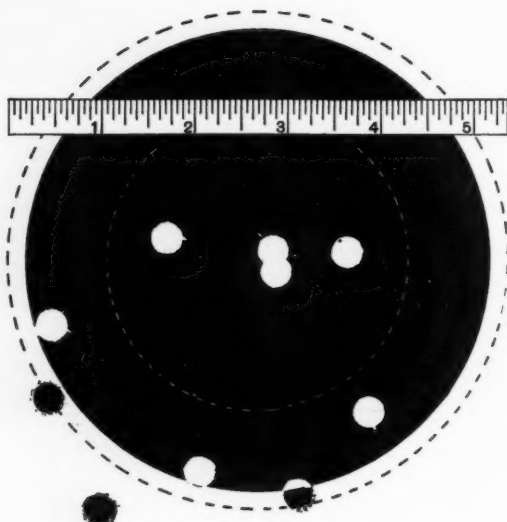
This discovery, coupled with constantly improving scores, demolished any lingering doubt that, for this experimenter at least, the authorities were all wrong in their conclusions. But there was still a long way to go. The double-action trigger-pull was mighty heavy. Could anything be done to lighten it?

It could—and it was. The rebound spring—the little jigger that moves the trigger forward after firing—was, on my guns at least, unnecessarily stiff. In single-action shooting this does not matter, of course, but in shooting double-action you have to pull against it, in addition to doing all the work of rotating the cylinder and cocking the hammer. So I replaced the heavy rebound spring with one just strong enough to do the work (plus a factor of safety)—and scores improved a little further.

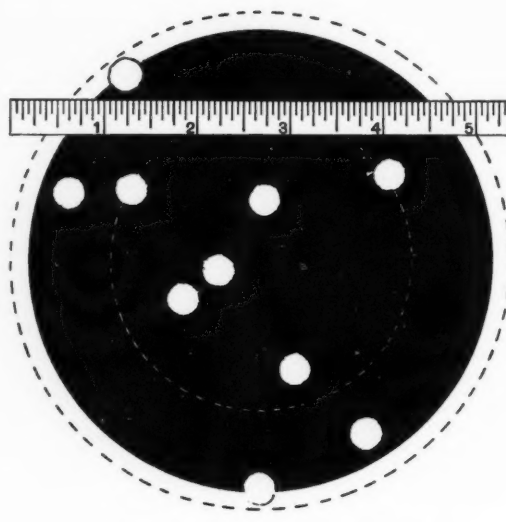
All of this pioneering was not, however, a lone effort. I had secured the hearty cooperation of a fellow club member, Maj. Charles M. Swezey, O.R.C., Life Member of the N.R.A., enthusiastic shooter, and ever-willing aid of any aspiring shooter who had a problem. Major Swezey, past master of gun maintenance, developed through necessity during the war, was believed to have so trained his guns that the mere waving of a small screw-driver over them would cause their instant disassembling. When faced with the double-action project, his first reaction was grave doubt, followed after a few trial strings with lively interest, which a series of consistent trials turned into whole-hearted agreement.

Together we delved into the intricacies of our revolvers, polishing here, stoning there, using minute files, unbeliev-

(Continued on pages 22, 23, and 38)



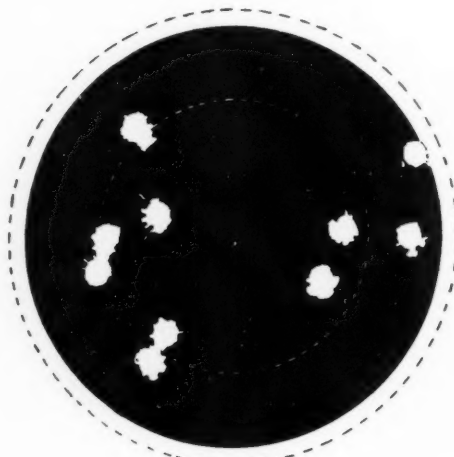
Five shots in 5 seconds at 15 yds. (.38-caliber)



Slow-fire at 25 yds. (.38-caliber)



Slow-fire at 25 yds.

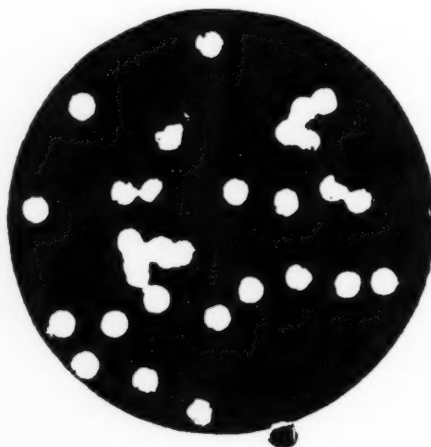
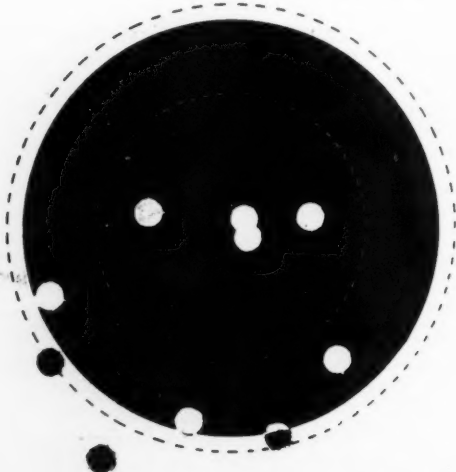


Slow-fire at 25 yds.

*Below: Left—Two strings of 5 seconds each, 15 yds.
Right—Complete Army "D" Course—10 shots each,
slow, timed, and rapid-fire*

*Opposite page: The writer's gun. Top—First
position of hand in gripping stock. Middle—Near
end of pull. Bottom—Just after firing*

(All targets on this page, except those on top row, are exact size, .22-caliber)



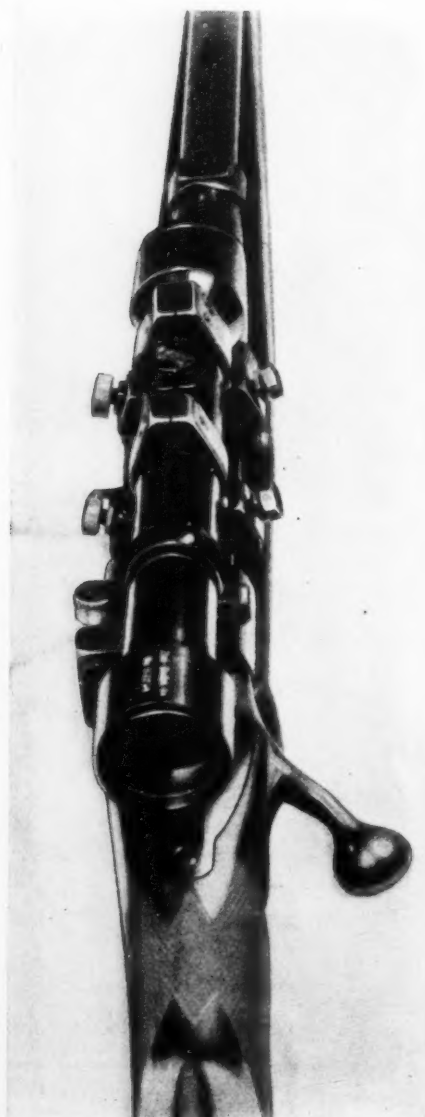




Upper: Unertl 6X Target Scope in Smith mounts. Lower: Top view of another Smith mount

COMBINATION MOUNTS

By F. C. NESS

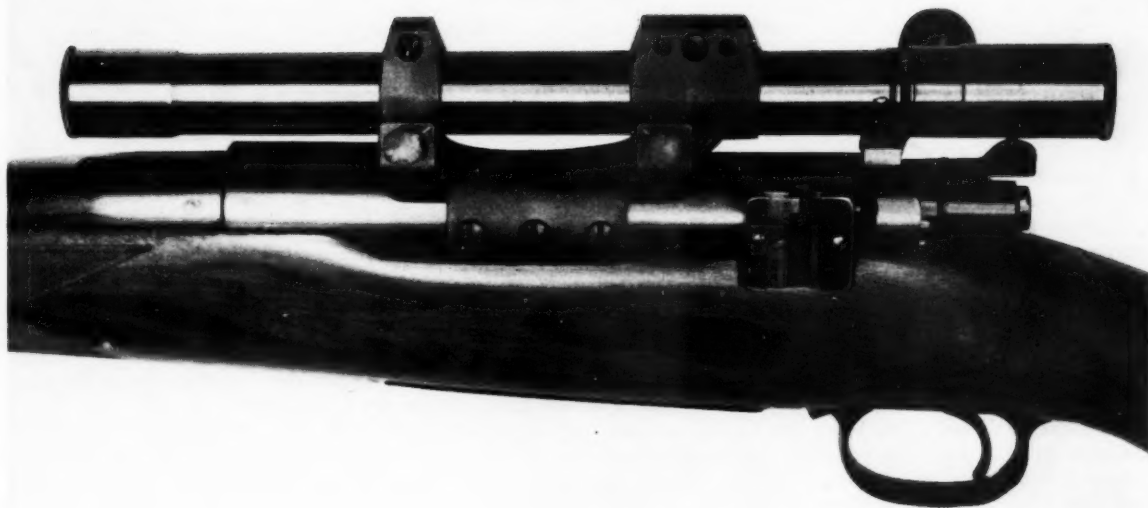


SKARDON T. SMITH, the Drexel Avenue gunsmith of Detroit, Michigan, has for several years been making his combination mounts for hunting scopes and target scopes. His big yellow bus and his ten-gallon sombrero have been conspicuous at Camp Perry during each of the past several National Matches. Each year we saw his mounts and gave him the questionable benefit of our criticisms. Last fall we sent him our .270 Winchester rifle and two Unertl scopes. Early this year the outfit came back with two bases on the receiver and one on the barrel, one set being for the short Unertl game scope and the other for the longer Unertl target scope.

The Smith mounts are in two sections. The mount rings are solidly fixed to the scope, fore and aft, and the mount bases are fixed at corresponding locations to the rifle. For a short hunting scope the two bases are on a bridged bracket fastened by three screws to the left side of the receiver. For a long target scope the rear base, without the connecting bridge, is similarly fastened, using two screws. The front base is then fastened to the top of the barrel. There are variations in which the rear bases, or a pair of them, are fastened to the top of the receiver, on the receiver hood or receiver bridge, or at both places for a short scope.

We took advantage of Smith's flexible application, by having a set of bases on the receiver for the 3X Unertl game scope and a single base on the barrel for the longer Unertl 6X scope with 1-inch objective. One of the two rear bases was used with the rear mount ring on this longer scope. This dual arrangement for the two types of scopes equipped our rifle for brush hunting of deer and for varmint shooting or load testing at the same time. All we had to do in order to change scopes was to loosen one locking screw in each of the two bases of one set, and tighten the two screws of the second set of bases employed. This has worked well enough to prove that the idea and its system of application are practical.

The Smith adjusting screws are of several types, selective according to purpose. For windage control, the selection includes the plain with hexagon head, the graduated with hexagon head, the plain click with round head, and the graduated click with round head. These adjusting screws are in the side arms of the open-top female bases which accept the male projections on the mount rings. See the picture showing the scope out of its mount. Inside of one of the two bases, on top and directly beneath the scope tube, there is, in some models, a plain headless elevation screw, which is necessary for those scopes which have fixed reticules; and it is often useful with others. Excepting the click screws, which are



*Upper: Unertl 3X game scope in same Smith mounts and on same rifle as shown in title cut.
Lower: Noske Scope in and out of Smith mounts. Note special Smith safety for the M-70W.*

held by their detents and spring tension, all adjusting screws are equipped with hexagon lock nuts.

The Smith mount rings and mount bases are well made, rugged, and very strong. They are also very hard, and should retain their adjustments indefinitely under the conditions of frequent removal and replacement. In our adjustment test we found that a complete revolution of the windage screw changed the center of impact about 9 minutes of angle (9.4 inches at 100 yards), and a half-turn of the elevation screw changed the center of impact about $8\frac{1}{2}$ minutes, or 8.6 inches at 100 yards.

Our first record shooting was at the end of February, on a gusty day with the temperature at 35° F. Using the 6X Unertl, we sighted-in at 100 yards, using the 95-grain W. T. & C. bullet with the heavy charge of 50.5 grains of No. 4320. All but one shot landed at the point of aim, in 1.06 inches. The best lead-alloy bullet handload that day was 9.0 grains of No. 80 behind the B. & M. 110-grain plain-base bullet No. 279111, which shot into less than an inch for its 5 shots. The center of impact was 10 inches below point of aim.

During the first week in March we gave the outfit a scope-removal test on a warm day in a 25-mile wind. We used the Winchester 100-grain factory load, and began with the 6X Unertl scope which was on the rifle. After the first group the scope was removed and replaced for firing the second group, without any material effect upon accuracy or center of impact. This second group was just over $\frac{1}{8}$ -inch larger at 100 yards. Its center of impact was less than $\frac{5}{32}$ -inch lower and $\frac{1}{2}$ -inch farther right in that heavy wind. With the 3X Unertl scope, groups were slightly larger. When this game scope was removed and replaced, its group became a minute of angle larger, while the center of impact was nearly $\frac{1}{4}$ -inch higher and $\frac{1}{2}$ -inch farther right. For a post-sighted game scope intended for shooting large game at moderate ranges, we considered as negligible this change in zero and grouping resulting from removal and replacement of the scope.

Our .270 Winchester rifle has a very bad habit of throwing one flier out of practically every 5-shot group. For the

(Continued on page 40)



SHOTGUN FIT

By A. P. CURTIS

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THE "FIT" of a gun is of as great importance as its shooting qualities. There are many things entering into the proper fitting of a gun to a man. First, and very important, is the balance. "Well-balanced" is a common term, and indicates that the distribution of the weight of a gun is such that when the gun is grasped by both hands preparatory to bringing it up to the shoulder, it does not feel either muzzle-heavy or muzzle-light. A proper distribution of metal and wood will result in proper "feel" or "hang"; in other words, "balance".

A common but erroneous way to test a gun's balance is to rest it, directly below the hinge-pin, on the rigid forefinger of the left hand. This will give a fair idea of balance, but when it is considered that some guns have long frames and some short, while these differ as to box frame and lock-plate type, it can be seen that a test of this kind is of no great value in determining a gun's true balance.

Fitting a Gun

Next in importance to balance, is stock dimensions: length, drop at comb and heel, "pitch", and even the shape of the comb where the cheek rests; as well, to some extent, as the distance of the comb from the trigger (front, if a two-trigger gun) and the grip. All enter into the matter of proper fitting. See Figure 1.

In England, gun-makers have shooting schools or "grounds" where a customer can be measured for a tailor-made arm, by the use of a special gun having its back stock so constructed that it is adjustable to give any reasonable length, drop, pitch, cast-off or cast-on, etc. This is known as a try-gun.

The try-gun was originally an American invention. It received a cold reception by our gun-makers, but was taken up by the English with great success. The Hunters Arms Company in 1909 built an L. C. Smith try-gun, and tried hard to popularize the fitting of guns to individuals, with some measure of success. The late Jack Fanning used this gun at many trap-shooting tournaments, and it aroused considerable interest; so much so that in 1913 the duPont Company had six standard makes of guns—double-barrel and hand-operated repeaters—changed into try-guns. These were put into the hands of their road men, who measured anyone for a gun without charge at trap-shooting tournaments. The shooter was then given a printed card having all dimensions necessary for the ordering of a new gun, he of course being free to purchase any make of gun he wished.

In 1918 the Ithaca Gun Company put out several try-guns. Some were loaned to dealers, while others were used by Ithaca's own men for the fitting of prospective customers. But with all this effort, the try-gun has never become popular in America. A prospective buyer would rather go to a store and select a gun that *apparently* fits him, or that some clerk—who unfortunately in many cases does not know what it is all about—advises him to buy.

A gun can be said to "fit" when, without any adjusting of the person, it comes up to the shoulder and into firing position with the master eye in central alignment with the rib and sight, every time the gun is thrown into the firing position. A simple way to make a test is for the prospective purchaser to close both eyes, throw the gun into firing position (first making sure that it *is not loaded*), keep his eyes

closed until he has his cheek against the comb and in other ways feels that he has the arm in proper firing position, then open his eyes. The salesman or gun-fitter should then step in front and sight along the rib from the muzzle towards the breech. If he notes that the customer's eye is to the right of the top rib's center, this shows that there is too much drop to the stock; if to the left, not enough drop (stock is too straight). If the pupil of the eye is central and about $\frac{1}{8}$ -inch above the rib at the breech, after several trials, the gun can be considered a fit as far as the drop or "bend" of the stock is concerned.

A gun that fits properly will come up into firing position easily and feel natural and comfortable when "cheeked", each and every time a firing is to be made. In other words, it should be self-pointing, enabling the shooter to concentrate upon the quarry, its proper lead, and the time for firing. All this means more potential kills than if one had to remember to allow for this or that, and make body adjustments to offset errors in fitting.

When a gun shoots too high, the stock is too straight, and more drop will place the cheek and eye in a lower plane. If it shoots too low, the reverse is the case, and less drop (a straighter stock) will overcome the trouble.

It is well, after getting a gun that apparently fits one, to make firing tests as a final proof. But if you are a novice, by all means practice dry-shooting first, and then use light loads, as these will shoot as straight as those more heavily loaded, and with less recoil. Fasten a large sheet of paper to the side of a shed, a solid board fence, or any other suitable shot-stopping surface, pace off 30 yards, then throw the gun into firing position as previously described, only keeping both eyes open. Fire at a bullseye on the paper the moment that the "feel" of the gun tells you that it is properly "cheeked". Don't try to adjust any part of the body to the gun—you won't have time to in actual hunting. If, after several such firings, you find that you have placed the shot so as to cover the bullseye, your gun can be considered a good fit. Should the several charges register on the papers *in various different places*, the fault is yours and you are going to need considerable practice to steady your aim.

If, however, all patterns are to the right of the bullseye, the gun has either too much drop or the comb is too thin; if to the left, the stock is too straight or the comb too thick. If patterns are high, say 6 to 8 inches, it is a good fault, but if too low you should have a straighter stock; one with less drop, not necessarily at the heel, but certainly at the comb, as where the cheek normally rests is between the comb and the heel, not directly on the comb at the point where its drop or bend is measured.

A tyro with a gun that fits and shoots WHERE HE LOOKS will soon be "grassing" game to his own satisfaction, as well as that of others who are with him; and it is only a matter of time before he learns the ways of targets and the habits of game, and acquires the team-work necessary to circumvent their wily tricks. Then he can take his place and hold up his end with the best.

Stock Lengths

The length of stock should be within such limits that in bringing the gun quickly to the firing position at the shoulder, it will come up without the butt contacting the

clothing—this referring to a gun for hunting game and shooting Skeet, where the gun is never brought to the shoulder before the target is in sight.

A stock length of from 14 to 14¼ inches, with from 1½ to 1¾ inches drop at the comb and from 2½ to 2¾ inches at the heel, will fit the majority of users. Those having physical peculiarities, such as abnormally long or short arms or necks, would need a slight variation in the above dimensions, as would the man with an excessively full or thin face—a thinner comb for the former and a thick, fat comb for the latter. As a general rule, manufacturers supply their agents with guns in an assortment of drops, lengths, and other dimensions, from which can be selected one that will fit the majority of users.

In trap-shooting, where the shooter is permitted to have his gun in the firing position and all set before calling for the target, stocks of greater length and less drop are advantageous. It has been found that a gun with a 14½-inch stock having a drop of 1½ inches at the comb and 2 inches at the heel, and with a fairly full or thick comb, will fit 90% of all trap-shooters.

If the stock is too short, the recoil will often jam the trigger-guard into the second finger, bruising it painfully if several successive firings are made. With this on his mind, the operator soon develops a severe case of flinching. He knows that the recoil is certain to hurt him, and although his intention is to fire again, his nerves warn him not to, causing only a slight movement of the trigger finger which is not enough to trip the lock. Thus begins a flinching habit that is mighty hard to overcome.

A stock that is too short will also, with some men, cause the thumb of the right hand to engage the safety button, and in some cases the end of the top lever, during the gun's recoil; and in several firings this will so bruise and lacerate the flesh that a bad case of flinching results.

It is better to have a stock too long than too short, as the longer-and straighter-stocked guns give less recoil, and have a tendency to shoot high, which latter is desirable because flushed birds are invariably rising. With a stock that is too short or has too much drop, just the reverse can be expected.

Cast-off and Cast-on

Guns with their butts cast "off"—to the right, or cast "on"—butt to the left, have never been demanded or built

in America to any great extent. In Europe, and in England especially, the casting off of a gun's butt from its central or true line with the top rib of the barrels has always been considered a necessary feature in the fitting of guns.

We have, however, for men with abnormally wide shoulders, produced guns with cast-off stocks; also for lady shooters, though usually in the latter case the toe only was cast off, and not the heel, for obvious reasons. But this type of stock has never fitted into the average American's way of holding and "cheeking" a gun.

It is true that if a man has trouble from shooting to the left of his targets, the bending of the stock to the right to give a cast-off, will remedy the trouble. On the other hand, bending the stock down, or cutting down the comb to give more drop, will accomplish the same results.

A good gunsmith can bend a gun's stock to give ¼-inch more or less heel drop, or ¼-inch cast-off or cast-on, or both, without damage to the stock. He can insure its not returning to its original form, by clamping the frame securely and applying a gradually increasing pressure on the butt in the direction in which the stock is to be bent, while a small stream of very hot linseed oil trickles on and floods the wood at the grip.

Grips

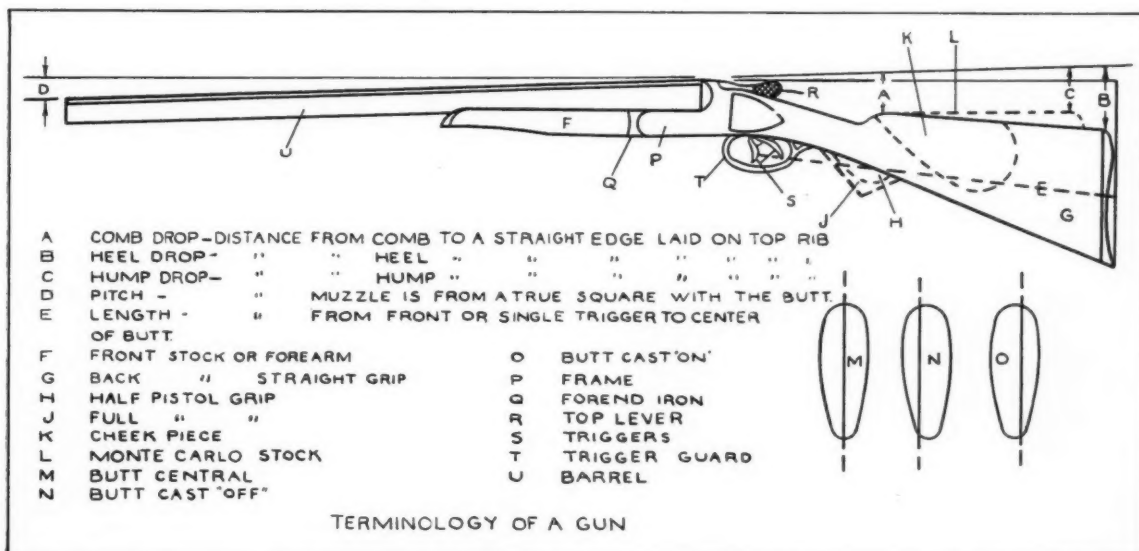
Our gun grips are of three forms: full-pistol, half-pistol, and straight. For a great many years the straight-grip stock was considered the best. The chief argument in its favor was that it permitted a quick, unobstructed rearward movement of the hand in changing from the front trigger to the rear for the second shot. This with guns having two triggers, of course. However, the straight grip has gradually been superseded by the full or half-pistol grip.

Trap-shooting helped to popularize guns with pistol grips, as it was found that because of the cramping of the wrist to properly grasp a straight grip, the firing of 100 or 200 shots a day tended to cause lame wrists. This discomfort was not observed with the pistol-grip guns, with which the hand and wrist assumed a more natural position.

The advent of the single trigger, that trips both locks without the necessity of shifting the hand on the grip, also helped to popularize pistol grips. At first the half-pistol grip was the vogue, but today the full-pistol grip is in general demand, except on guns of the smaller gauges, having the least recoil.

(Continued on page 32)

Fig. 1



BRIDGEPORT, CONN., OCT., 1938

Rifle Remington

"PALMA KLEANBORE" .22 MATCH AMMUNITION

HIGH SPOTS OF CAMP PERRY MATCHES



Model 37 shooter "Marsh" Grosskopf of Marion, Wisc., won two events, placed high in many.

There should have been a prize for the weather man—he couldn't have ordered finer weather. Of course, there was a little wind, as some of the boys in the Swiss Match will tell you. Some of the best known shooters in the country got off only one or two shots for record. Messrs. Menefee and Crockett had a little weather-vane contraption with a propeller attached, which they stuck in the ground at the firing line.

There were twenty-five new firing points, but they were so uneven they were used mostly for practice. Using them was like shooting in a ploughed field!

Cameras were almost as numerous as pith helmets, which reached a new high in number. Several fellows cut off the rear part of their helmets to keep them from pushing down and hitting the spotting scope. Efficient, maybe, but not beautiful.

Besides being a darn good shot, Thurman Randle proved to be a harmonica player of no mean ability. Mr. Randle obliged with a concerto on the firing line while targets were being changed in the 50 Meter.



E. C. Hamley, Jr., of Glendale did some handsome wind-doping in the Swiss and Life Members Dewar



T. Randle (left), Robert Berner (center), and Earl D. Mehaffie, waiting for the first relay of the 100 yard All Comers to finish.



Camera fans were almost as numerous as riflemen at Camp Perry. Here's a typical gathering.



"Palma Kleanbore" shooter Robert Berner has a right to smile. He just won the 100 yard Any Sight restricted match.



Selden Warner put 35 out of 40 shots in the X-ring in the 50 yard event. Nice shooting! The ammunition—Palma Kleanbore.



The New York State Caswell team tied for 4th place. Four out of six used Palma Match or Palma Kleanbore. Left to right, Reston, Dorman, Petrie (who scored a 10-X with Palma Kleanbore), Allen, Wark, Lewis. In front is Coach J. T. Hause.



Stuart Edmonds never once moved from his position in the Pope Match—not even to sit down. His 180 x 200 was high.



There was much interest in the Pope hand Match, the only senior handicap event at Camp Perry.

...OR" IS TOP-RANKING ...ION AT CAMP PERRY

...TAKES PRELIMINARY DEWAR, WESTERN TROPHY, MEDALISTS, ...SWISS, LIFE MEMBERS, POPE AND MANY OTHER MATCHES

Hamley, Grosskopf, Hamby, Bomgardner, Allyn Star

Model 37 shooters take 53 places, including 6 firsts



Paul Bomgardner tied for first place the National Smallbore Championship with an aggregate of 1593.



There were fifteen 400's in the Western Trophy Match, but H. D. Allyn of Springfield, Mass., had the most X's.



Thurman Randle "bears down" with Palma Kleanbore. Consistent as always, was near the top in almost every match.

CAMP PERRY, O.—Ideal weather—high scores—keen competition—record entries and record performance by Palma Kleanbore made this year's National Matches at Camp Perry the finest ever.

A new world's record of 7953 was set by the International Dewar team, which won over the British by a margin of 53 points. Seven members of the team used Palma Kleanbore.

Charles Hamby won the Preliminary Dewar with a neat 400 x 400 and 31 X's, using Palma Kleanbore and a Model 37. Hamby also won the 400 Club Members match with his Model 37, scoring 398 x 400 and 25 X's.

Hamley wins two events

E. C. Hamley, Jr., won the Life Members Any Sight with 388 x 400 on the new Expert Target, with F. G. Hoppe, shooting a Model 37, second with 387. Both used Palma Kleanbore. Hamley walked away with the Swiss Match, scoring 53 bulls despite a high and shifting wind.

Grosskopf takes Life Members and Medalists

Scoring the only 400 in the match, "Marsh" Grosskopf captured the Life Members Dewar event. His 393 x 400 was high in the Medalists Match, too. He used Palma Match in the Medalists, Palma Kleanbore in the Life Members, a Model 37 in both.

Bomgardner ties in Agg.

G. Paul Bomgardner's 1593 tied for first in the Critchfield Trophy, but he was ranked second on a count of X's. Thurman Randle, another Palma Kleanbore shooter, was fourth with 1590.

In the hotly contested Western Trophy Match, in which 15 contestants scored possibles, Palma Kleanbore shooter H. D. Allyn put

32 shots in the X ring to head the list. He was second high in the Internat'l Railwaymen's Match (in which 11 of 20 men shot Palma Kleanbore or Palma Match).

Wins offhand match



In the new Pope Match, offhand at 50 Meters, the first seven contestants shot either Palma Match or Palma Kleanbore. Stuart Edmonds, shooting Palma Kleanbore, was high man with a beautiful 180 x 200. His target is shown above.

In the 100 Yard restricted, Iron Sights, Byron E. Putman scored 397 x 400 with 20 X's, nosing out Wm. H. Patch, who had 396 x 400 and 25 X's. Both used Palma Kleanbore and Model 37's. Robert Berner won the 100 Yard restricted, Any Sights, with Palma Kleanbore, scoring 399 x 400 and 19 X's. Byron Putman was second. Four of the first five shot Palma Match or Palma Kleanbore.

Two teams scored 400's in the 50



Major Francis W. Parker, Chief Range Officer, kept things running smoothly throughout the matches.

Meter Doubles, making a shoot-off necessary. J. C. Lippencott of the winning team used Palma Kleanbore. Al Freeland and M. L. Kobler, who were second, both used Palma Kleanbore and Model 37's. The third and fourth place teams also used Palma Kleanbore.

Selden Warner scored a remarkable 400 x 400 and 35 X's in the 50 Yard restricted Iron Sights, with Byron Putman second with 25 X's. Both used Palma Kleanbore.



Down the Smallbore firing line at Camp Perry.

Rifle *Remington* News

BRIDGEPORT, CONNECTICUT

OCTOBER, 1938

MODEL 37 SHOOTERS SCORE SPECTACULAR WINS AT PERRY

TAKE 53 PLACES, INCLUDING SIX FIRSTS AND 8 SECONDS

CAMP PERRY, O.—One of the most talked-of features of the National Smallbore Matches here was the big increase in the number of Model 37 rifles on the firing line, and the remarkable record of wins and places made with it.

Six matches were won with Model 37's, including the Preliminary Dewar and the 400 Club Members won by Charley Hamby, the Medalists and the Life Members won by M. Grosskopf, the 100 Yard All Comers won by T. K. Stratton, and the 100 Yard Restricted won by Byron E. Putman.

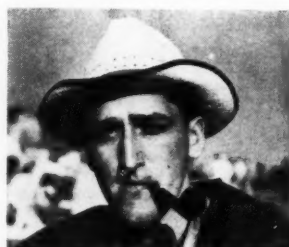
Eight second places were scored by Model 37 shooters, five third places, two fourth places, seven fifth places, six sixth places, two seventh places, five eighth places, three ninth places, and nine tenth places—a grand total of 53 places. This new rifle is really going places! And what a combination it makes with Palma Kleanbore!



Model 37 shooter Byron Putman placed first in the 100 Yard Restricted Iron Sights, scoring 397 x 400 with 20 X's.



Charlie Hamby captured two firsts with his Model 37. He also boasts two Remington brassards on his coat.



Carl Petrie made a 10 X possible during the Caswell with his Model 37. He also placed 2nd in the Prelim. Dewar.

POSSIBLES and IMPOSSIBLES

by FRANK J. KAHRS



We're feeling pretty pleased about the performance of Palma Kleanbore ammunition and Model 37 rifles out at Camp Perry—and so are a lot of fellows who were using them.

Good old Palma Match is still winning championships across the water. This year's victory in the British National Championships makes it eleven straight for Palma. In fact, the first seven places in the Championship were taken with Palma... as well as ten individual and five team events. Also, eleven of the British Dewar team members shot Palma.

And over in bonnie Scotland, Palma shooters took 10 individual events. They know good ammunition over there, too!

In the recent New Hampshire State Rifle Association Championship at Sanborn-ton we were glad to see a young chap who became interested in Small Bore Rifle shooting many years ago under our watchful eye take the 100 yard Match and get second in another. We refer to Clyde Winfield of Pompton Plains, New Jersey. His score in the 100 yd. Match was 199 and in the Varick Trophy Aggregate 398 with 21 X's. C. George of Millford got 2nd in the 50 yard Match with 200 and 14 X's, and third in the Varick Trophy Aggregate with 397 and 25 X's, shooting Palma Kleanbore. Winfield pinned his faith on Palma Match.

The wind was so strong one day at Camp Perry it blew down one end of the bulletin board. But that didn't stop one E. C. Hamley from scoring 53 bulls in the Swiss Match. That's real wind-doping, and just in case you don't know it, Palma Kleanbore is a prime wind-doper's ammunition!

I notice that Fred Johannsen made good use of his Model 37 out at the recent Racine, Wisconsin, shoot. He took the individual iron sight Dewar with it.

Theo. Keiper of Prescott, Arizona, did some nice work with Palma Kleanbore out at the Yavapai Rifle and Pistol Club Tournament, winning the 100 yard Individual, the 100 yard Re-entry, and the Individual Dewar.

SEVEN SHOOTERS WIN REMINGTON 10 X BRASSARDS AT CAMP PERRY

CAMP PERRY, O.—Seven shooters were awarded the handsome new Remington 10 X Brassards at Camp Perry, and fourteen won 400 Brassards.



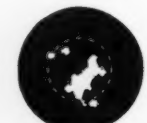
Mrs. Marshall Grosskopf of Marion, Wis., scored this beautiful 10 X at 100 yards with her Model 37 rifle and Palma Kleanbore ammunition.



Selden Warner scored 400 x 400 and 35 X's, including a 10 X possible, in winning the 50 yard restricted Iron Sights event. Ammunition, Palma Kleanbore.

William Patch of Plainfield, N. J., won a 10 X brassard for his good work with that grand shooting combination—the Model 37 and Palma Kleanbore.

Thurman Randle of Dallas, Texas, is an old hand at 10 X possibles. He was shooting Palma Kleanbore when he made this one, out at Camp Perry. Made at 100 yards. Randle earned a 400 brassard at Perry, too.



Carl Petrie scored a 10 X possible at 100 yards during the International Dewar. He was shooting a Model 37 and Palma Kleanbore ammunition.

Wm. J. Summerall of Waycross, Ga., put 10 successive Palma Match bullets through the X-ring and thus earns himself a brassard.



E. R. Frizzell gets a 10 X possible brassard for his shooting coat for a very neat target. Palma Kleanbore was the ammunition.

INTERNAT'L DEWAR TEAM SETS NEW RECORD

Tops British by 53 points

CAMP PERRY, O.—Last year's defeat by Great Britain was wiped out this year when the International Dewar Team set a new world's record score of 7953, beating Britain by 53 points.

Seven members of the team shot Palma Kleanbore, including Eric Johnson, who scored a 400 x 400 with 27 X's, R. D. Berkheiser, J. C. Lippencott, Dr. Russell Gardner, E. C. Hamley, Jr., W. J. Summerall, and F. G. Hoppe.

FOURTEEN GET 400 BRASSARDS

Fourteen Remington 400 Brassards were awarded to shooters who went clean over the Dewar Course. They are: Charles Hamby, Roy Berkheiser, J. F. Archer, William P. Schweitzer, Sam G. Lear, M. Grosskopf, J. C. Lippencott, H. D. Allyn, Thurman Randle, C. W. Tilley, Eric Johnson, E. A. Dochstader, E. C. Hamley, Jr., Rodney Reston.

W.W. MILLER WINS 8 OUT OF 10 EVENTS IN MICHIGAN

TAKES 8 FIRSTS, INCLUDING 3 AGGREGATES; PLACES 2nd AND 5th IN OTHER TWO EVENTS

Shoots Model 37 and Palma Kleanbore

DETROIT, Mich.—Shooting in the 1938 Michigan Small Bore Matches at Hickory Ridge Range, W. W. Miller of the Saginaw Gun Club made almost a complete sweep of the scheduled events. Out of ten events listed, he scored eight firsts, one second and one fifth.

Miller won the Metallic Sights Aggregate by a margin of 5 points with 1193; the Paugh Trophy Aggregate with 796—a margin of 2 points; and the Moor Trophy Aggregate with 1590—a margin of 6 points.

In individual events, he won the 50 yard Metallic with 400 x 400 and 20 X's, the 50 meter Metallic with 396 x 400, the 50 meter Any Sights with 398 x 400, the 100 yard

Any Sights with 396 x 400 and 17 X's, and the Individual Michigan Dewar with 399 x 400 and 23 X's, one point ahead of his fellow club member, Palma Match shooter G. H. Kleekamp.

He was second in the 100 yard Metallic, scoring 398 x 400 to tie the winner, but outranked on X's. In the Individual Short Range Match, he finished in fifth place, 1 point behind the winner.

Miller used a Remington Model 37 and Palma Kleanbore throughout the matches.

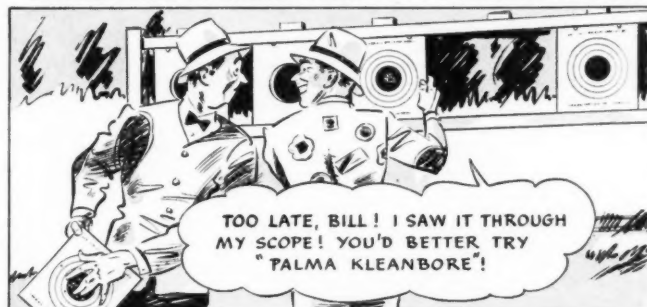
Churchill wins Short Range Event

C. Churchill, another Model 37 and Palma Kleanbore shooter, won the Individual Short Range event with 398 x 400 and 25 X's.



Wilbur W. Miller of Saginaw adjusts the sights on his Model 37 Remington, with which he won 8 out of 10 events at the Michigan State Matches.

THERE'S ONE IN EVERY CLUB TARGET HIDER



ROBERT LAFFERTY WINS NATIONAL JUNIOR TITLE WITH "KLEANBORE"

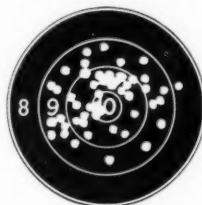


SCORES 375 x 400 IN 4 POSITIONS

CAMP PERRY, O.—Robert Lafferty of the Aurora (Ill.) Rifle Club became the new National Junior Rifle Champion by scoring 375 x 400 in four positions at 50 feet.

Lafferty, who was shooting Kleanbore, scored possibles prone and sitting, 94 x 100 kneeling, and 81 standing. He was fourth in the National Junior Open last winter, and fourth in the Junior 100 yard Postal match with a 14 X possible. We expect to be hearing a lot more about Lafferty in the future.

THE TARGET OF THE MONTH



This is a wind-doper's target—made by E. C. Hamley, Jr., in the Swiss Match at Camp Perry. Hamley's 53 won by 8 shots. Conditions were so bad a 20 would rank in the first ten. Hamley used Palma Kleanbore.

PISTOL SHOOTERS WIN WITH "TARGETMASTER"

CAMP PERRY, O.—Col. Charles Askins, Jr., of New Mexico, turned in a winning score of 279 in the 45 caliber Medalist at Camp Perry, shooting the new Remington Targetmaster pistol ammunition.

T. E. Eshleman of the Pennsylvania Motor Police was another winner with Targetmaster, taking the Police Field Firing Match with a score of 70.

The Pennsylvania Motor Police won the Sobel Trophy with 163. All members of the team used Targetmaster.

Captain Sidney Hinds of the U. S. Infantry won the .22 single shot slow fire match with 188 x 200, shooting Kleanbore.

Arthur G. Snyder of Phoenix, Arizona, won the .22 Pistol Restricted event with 234 x 300, shooting Hi-Skor.



Colonel Charles Askins, Jr.



Captain Sidney Hinds, U. S. Infantry

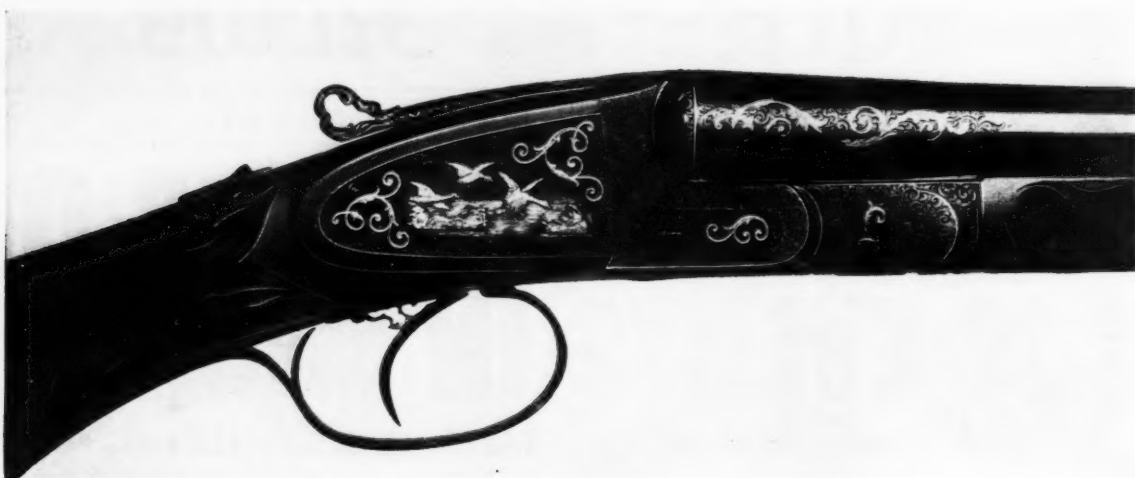


Fig. 2

Pitch

The pitch of a gun's barrel is regulated at the time the butt of the stock is cut off to get the desired length from trigger to center of butt. After the back stock has been marked by the stock-fitter to give the desired length with the buttplate or recoil pad installed, the fitter takes a true right-angle square with one arm long enough to extend beyond the muzzle of the barrel, and a shorter arm that will reach past the toe of the stock. (See Figure 1). He places this square or "pitch stick" so that the short arm registers with the length-mark previously put on the stock, and then, with the long arm contacting the top rib at its junction with the standing breech, he rocks the pitch stick until the muzzle of the barrel is the distance from the long arm as the pitch desired. A line is then scribed across the butt from heel to toe, through the length-mark already scribed, the short arm of the square being used as a straight-edge or guide. The stock is then cut off on this line, and the buttplate attached. Thus, in the finished gun, the pitch is represented by the distance the muzzle is from a line at

right angles with the buttplate and touching the rib at its rear end.

Incorrect pitch can set at naught the results to be expected from an otherwise properly fitted gunstock. Too much pitch tends to cause a gun to shoot low, while not enough pitch causes high shooting, with most men. Pitch has an important influence in gun-fitting—and always has had, but its importance has been more fully recognized of late years. The result is that guns with $3\frac{1}{2}$ -inch pitch that were very common 25 years ago, are a rarity today. The standard pitch is now 2 inches; that is, a 2-inch pitch will be suitable for about 95% of all shooters, and less pitch will take care of the remaining 5%.

A few old shooters today have their guns made with very little or no pitch, which seems to fit into their methods of holding and aiming. This is not to be recommended, however, unless it is absolutely necessary to overcome some idiosyncrasy of the individual; though some stocks must of necessity depart from the conventional, so as to offset some peculiar physical characteristic of the user. A high-priced

Fig. 3



special gun with a stock length of 17 inches and a heel drop of 5 inches was once built by one of our best-known factories, for a native merchant of China who was described as being 7 feet 7 inches tall, with exceptionally long neck and arms. Many guns have been produced with the butt of the stock cast to the right far enough to permit aiming with the left eye when the butt rested against the right shoulder. These were for men who had learned to shoot from the right shoulder, and later were unfortunate in losing the use of the right eye. Such stocks are very frequently call "cross-eye" stocks.

The Monte Carlo stocks, and those with cheek-pieces that were quite popular some years ago, are going the way of the straight-grip stock. We have formed the habit of cheeking our gun stocks by thrusting the head forward to meet the comb, instead of keeping the head erect and bringing the comb up to the cheek. This latter was the only excuse for the Monte Carlo stock, with its excessive heel drop. And the thick-combed stock has just as effectively replaced the cheek-piece stock.

Handmade Guns

And now a word or two about another matter. We have been criticised by foreign gun-makers as being builders of machine-made guns. Therefore let us consider what is meant by "machine-made," as well as by the term "hand-made," guns.

Our critics use machines in the making of their so-called hand-made guns, to as great an extent as we do in America. The only difference is that they give the specifications for a new gun to *one man*, who proceeds by building a pair of barrels from barrel tubes furnished him by an outside tube-maker. He then takes a piece of steel, and hand-forges it into the semblance of a gun frame. By the use of machinery, all the necessary metal-cutting operations are performed for later fitting the barrels and frame together. Also the myriad of cuts on and in the forged frame, to get the desired contour and the recesses that later receive the operating mechanisms, are machine-made. The component action parts are machined in like manner.

We perform the same operations on large lots, by the aid of several men on similar machines, but we use accurate jigs, fixtures, and gauges to eliminate waste and to make certain that these several metal-removing cuts, as well as the finished parts of mechanisms, will each be an exact duplicate of all the others. Thus the method of producing interchangeable parts was born, and these parts make up our popular-price guns—machine-made if you will.

Instead of hand-forging a separate piece of steel for each individual frame, we machine-forged them by the hundreds. Instead of one man's cutting out the wood of a stock for the reception of the metal parts, and shaping-up the stock, we prepare stocks by the hundreds, using several men trained for the work. The same applies to the building of the barrels and all other components.

In all of our guns that are comparable in price with those of foreign make, we use as much hand work on the machined parts as they do—not by one man, *but by several of the best artisans in the organization!* We leave excess metal ("mill-large"), to be later removed by hand by the fitters, and the parts will be as accurately fitted by these men as if they themselves had first laboriously prepared them from the raw material.

To further illustrate, let us consider the cost of producing a special high-grade built-to-order job. The L. C. Smith Deluxe gun, illustrated in Figure 2, is a fair example of this kind of job, and is chosen here because the costs of material and labor entering into its construction happen

to be known to the writer, who designed the gun and supervised its building. The barrels were built up from a pair of Sir Joseph Whitworth fluid-compressed-steel tubes imported from England and costing \$18.00 the pair at that time. The Circassian walnut blank from which the front and back stocks were made cost \$20.00, imported from Russia. There was used for inlaying, \$80.00 worth of green and yellow 23-carat gold. The labor for engraving and inlaying cost \$225.00, while extra costing for finishing, checking, and carving of the stocks, hand-fitting and stoning of the operating mechanisms, and similar details, cost well over \$250.00. Only the best mechanics in the organization worked on it, and 9 weeks, time was required for its completion.

Instead of the usual checking on the top-lever's thumb-rest, the lever on this gun had a cut-out open pattern here, as did the trigger blade and trigger guard. The latter had the owner's name inlaid in gold in duplication of his signature, in a scroll bordered by an open-work design cut into and through the steel. These several, out-of-the-ordinary features are mentioned to show the vast amount of hand labor necessary to produce special-to-order guns of any make.

In these more expensive guns, all machine-tool marks inside and out are removed, and the surfaces polished by hand. Yet in the face of all this we have had our products criticised and called "machine-made" guns that could not compare with the hand-made guns from European gun-making centers.

We do make guns by machinery, in quantities, with recesses and parts that fit therein all made to gauges, each a duplicate of the others. These guns have answered so well the purposes for which they were made, that some of our European critics are now producing their sporting arms *by the same methods*. Evidently they have of late recognized the fact that our progressive, sensible ideas have some merit, and that Europe as well as America has many sportsmen who desire arms but cannot afford the price that so-called "hand-made" guns must of necessity command.

Years ago sporting arms by well-known English and German makers were imported and sold in America by the thousands. This is not the case today. The importers will claim that this is because of our heavy import duties, but the truth is that *we can and do build as fine, serviceable, and easy-actioned arms as any coming from European armories*.

Real, heavy-duty guns ours are, for he-men who go out and seek our wilder game at the longer ranges. American guns are often fired more times in a month on game or targets than many foreign guns are fired in a lifetime, and with much heavier loads than are used abroad. The favorite sport of Europeans is shooting incoming, hand-reared, driven birds, flushed in the shooter's direction by an army of "beaters" while the shooter is ensconced in a butt, with a valet or loader to hand him a loaded gun in exchange for one just emptied.

Our products are as finely finished, decorated, balanced, and bored as those built anywhere else, with in addition the necessary strength to safely handle high-speed, high-pressure loads that increase the killing zone from 40 yards to as high as 80 yards. Our guns are obtainable, in the lower grades, at prices within the reach of all, and in several grades ranging upward in price, the price depending entirely upon the materials, decoration, and hand labor involved. As regards special built-to-order highly ornate works of art (Figures 2 and 3) for those who desire only the best and have the means to satisfy that desire, we are as well equipped to supply this demand as are any of the gun-makers of Europe.



Zeiss "Silvarem" 6 x 30 glass

PRISMATIC BINOCULARS

An Analysis of Modern Binoculars

By MONROE H. GOODE

(Concluded from September issue)

IN CHEAP makes, 6 x 30 glasses often have exit pupils whose diameter is less than the regular 5 mm. size, and consequently, the relative brightness would be less than the diameter of objective lenses in relation with the magnification would indicate.

For the purpose of making comparisons the relative brightness of a binocular is denoted numerically by the square of the diameter of the exit pupil expressed in millimeters. If, for example, the exit pupil has a diameter of 5 mm., the relative brightness would be 25 (5^2 or $5 \times 5 = 25$).

The pupil of the human eye contracts or expands in proportion to the light. In bright sunlight, it has a diameter of about 2 millimeters, while at night it may reach 7 mm. Very little is gained by having a binocular with an exit pupil much larger than the pupil of the eye as it cannot utilize the extra light. While the eye expands or contracts, the exit pupil of the binocular remains stationary; therefore, we must choose a glass that meets our average requirements which range all the way from bright sunlight to the indistinct twilight.

An exit pupil of 3.5 mm. diameter is ample for use in good light but when the shades of evening draw near, or before sunup, or on dark, overcast days, an exit pupil of 5 mm. is advisable, and at night, of course, a 7.1 mm. exit pupil would be necessary. However, it would be worse than folly for the sportsman to select a ponderous night glass with a relative brightness of 50 or more in order merely to capitalize the optical magnificence for an extra 30 minutes morning and night.

A binocular with a relative brightness of 12 to 14 would be highly suitable for use under good atmospheric conditions in our Western mountains; relative brightness of 15 to 20 would be suitable for dark, cloudy days in the West; while in the great forests of the North and East a relative brightness of 25 would be ideal for average conditions.

A wide field of view is essential to practically all forms of observing, but is more important to those who habitually observe moving objects than to those who confine their observing largely to stationary objects, such as the target shooter. Within the limits of a clearly defined field, the wider the view, the better. It goes without saying that one can locate objects more quickly with a glass affording a large field of view than with an instrument in which the field of view is restricted, can see more of a view without moving the glass, or can better follow rapidly moving objects. Often the sportsman has only a split second in which to appraise the value of a startled game animal, and the smaller the field of view, the longer it will take to catch the object. After the game is once located, the smaller field is not such a serious handicap, but one always spends more time and effort in locating the game than in observing it thereafter.

The field of view of a prism binocular is not affected by the diameter of the objective lenses. As an example, a certain 8 x 24 glass has a field of 150 yards at 1,000 yards while a huge 8 x 56 instrument has only 114 yards. The same principle applies as with a camera. Small objective lenses also have greater depth of focus than wide ones but in all the more important respects, reasonably large objective lenses are better for the sportsman.

Big-game hunters, unless they want to compromise weight and bulk with optical excellence and field of view, would be wise to avoid any 6 x 30, 8 x 30, or 8 x 40 glass that does not afford a field of approximately 150 yards at 1,000 yards; in the 7 x 35, 7 x 42, 7 x 50, 7 x 51, 9 x 35, and 10 x 50, of 127 yards or more.

Gilt-edge construction, like gilt-edge optics, is of prime importance to avoid serious eye strain and insure durability. Satisfactory performance is out of the question unless both optical and mechanical axes are correctly aligned and this calls for extreme precision of design and manufacture and rigid inspection, especially in a glass which has inter-pupillary adjustment, because the alignment must be correct not only at one point but at all inter-pupillary distances. I am particularly impressed with the construction of the new line of Bausch & Lomb binoculars which were designed to meet specifications of the U. S. Naval optical engineers.

Since the World War, unscrupulous foreign dealers have dumped upon the American market thousands of binoculars of innumerable types, many of which are cleverly forged imitations of such high quality instruments as Bausch & Lomb, Zeiss, Hensoldt, and Busch, and frequently only an expert can tell the counterfeit from the real. These faked instruments are nothing but junk and must be shunned. They are bad optically as well as mechanically. Prisms in some of them are made of cheap glass with low light-transmission, poorly worked surfaces, and inaccurate angles, which do not allow the user fully to exploit whatever optical qualities the objective possesses. Prisms do not fit securely in many of these inferior instruments, and that permits the displacement of the optical axes. This results in double images, and with prolonged observation, in eyestrain. Continued use of such faulty instruments leads to serious eye trouble. Plano-convex lenses are sometimes substituted for highly corrected achromatic lens combinations, and this results in poor definition and fringes around the edges. Some so-called "prism binoculars" have no prisms at all.

The durability of binoculars depends primarily upon the firmness with which prisms are anchored to the metal frames. In the case of some of the foreign junk, the prisms are sometimes held by thin springs only, which are cemented to their seats. Cement allows only of a partial adhesion between metal and glass, and the prisms are certain to become loose if the glass receives a hard jar, perhaps even with ordinary use. Binoculars with prisms out of alignment are difficult, if not impossible, to readjust permanently.

If cleaned periodically, a high quality instrument should last a lifetime while the makeshift may be serviceable for not to exceed two or three years if at all, and in many cases is worse than none.

Stereoscopic or plastic effect is found in varying degrees in all full size prism binoculars because the outer ends of the tubes are farther apart than the eyepieces, and as a result, when the observer looks at an object with both eyes, he is looking at slightly different angles, and the greater the angles, the greater will be the stereoscopic effect. Obviously, stereoscopic effect has no bearing on resolving power, definition, brightness, or light-transmitting power, but it is valuable to the sportsman because it enables him to estimate more accurately the respective distances of objects provided the distance is not unreasonable. In other words, within its limits, it serves as a sort of range finder, a quality also possessed to a lesser degree by the eyes. To prove this, attempt to estimate the respective distances of objects with one eye closed.

In judging a binocular, the sportsman should never lose sight of the fact that an object seen in good light through a first quality instrument in proper focus should be clear, sharp, and distinct, without a trace of fogginess or deleterious color fringes around the field and without distortion, essentially as clear and natural as though observed with the natural eye, and of course much larger due to magnification. If the object viewed appears cloudy or distorted, it may be due to inferior optical or mechanical qualities, or both. However, no glass, particularly the higher powered ones, will penetrate fog, haze, or smoke.

A knowledge of the purposes of various powers is essential to success. In general, high power binoculars with very large objective lenses and a small field were designed for observation at great distances under good atmospheric conditions; medium power instruments with medium-sized objective lenses and a generous field, for observing distant objects in good light; and low power glasses with medium-sized objective lenses and wide field, for observing moving objects at short to medium distances in either good or bad light but especially the latter.

Few hunters realize the full value of their instruments because of improper holding and incorrect observing. When observing with a small instrument, the fingers should overreach the eyecups so as to rest against the eyebrows, as this helps both to steady the glass and to shut out objectionable

Busch glasses. Left: Sollux, in 6- and 8-power. Right: Hellux, 6-power



Bausch & Lomb prismatic binoculars. Top to Bottom: 9 x 35, 7 x 35, 8 x 30, 6 x 30. The 6 x 30 has center eyepiece-focusing device; the others individual eyepiece focusing



side lights. Two hands will hold the glass more steadily than one.

The higher the power of a binocular, the more steadily it must be supported for best vision, which is essential when inspecting small objects or when a clear view is obstructed by shadows or foliage. In the absence of a firm support, the best results can be had from the sitting position with the back against a tree or rock and with the knees drawn up closely to form a rest for the elbows. If a rock or stump of proper height and width are available, the hunter may sit down flat on the ground with his legs extended full length and rest his hands or glasses on top of the support. Frequently the observing must be done from the standing position due to intervening underbrush or grass, and only fair results can be expected when using an instrument of high magnification unless the observer is unusually steady. Often he has time for only a momentary glance and must take it from the standing position or not at all. In a forest, he may be able to lean his back against a tree; if so, he is fortunate as such support is of great assistance.

When trying to spot game exposed to view, the hunter should first sweep the landscape carefully with the unaided eyes, as game may be in plain sight. Then adjust the instrument for the country to be inspected, and again sweep the landscape hurriedly, this time with the glass. If unable to locate any game, the observer is then ready to settle down to minute inspection of the area, section by section. The observer must not content himself with merely looking for the animals themselves, but must look for traces of them, such as tracks or bedding down places. Nor must the search be limited to the open terrain as the animals may be standing in the bushes with only their heads sticking out. Objects resembling rocks, stumps, or tufts of grass, snow, etc., may upon close inspection prove to be the very animals sought. Every detail in the view of the lenses is studied with painstaking care before the glasses are shifted to an adjacent section, and in this way all likely territory or cover is inspected with infinite pains before leaving the spot.

For ideal results the binoculars should be suspended from the neck with a short strap the width of which is in proportion to the weight of the instrument. A long strap permits the instrument to flop around until it becomes an encumbrance and a nuisance, and a heavy glass suspended on a narrow strap cuts the neck painfully.

Persons who require spectacles for distance should always wear them when observing with a binocular, particularly if the eyes are astigmatic, and in purchasing a binocular they should specify that the instrument be fitted with flat or shallow eyecups as this enables the observer to place his eyes closer to the eyepieces, which in turn permits him to see more distinctly.

The outside surfaces of the lenses will frequently become dusty, soiled, smudged, or finger marked through exposure or careless handling. They may be cleaned with the least possibility of damage by first brushing with a camel's hair brush to remove the dust and grit particles. Next breathe upon the lens, and then using a circular motion, wipe the moist surface lightly with a soft, clean, dry, linen cloth, such as a carefully washed soft handkerchief, free of dirt and grease, and kept exclusively for that purpose. Regular lens paper may be used if preferred.

In every case the dusting should precede the wiping; otherwise, the dust and grit will scratch the lenses when the cloth is applied as they are made of soft glass. If a camel's hair brush is not available, the user can remove part of the dust and grit by merely blowing hard two or three times upon the lenses, and then breathing gently upon them, after which the soft, dry cloth is applied as described above.

(Continued on pages 37 and 38)

MANUFACTURERS' SPECIFICATIONS AND PRICES

Make and Model	Power	Effective Diameter of Objective Lens		Diameter Exit Pupil	Relative Brightness	Field of View at 1000 Yards	Weight without Case, Ounces	Type of Focusing	Price with Case	
		mm.	Inch						Individual	Central
ZEISS SPORTUR.....	6x	24	0.94	4.00	16.00	150 yds.	11-3/4 (Lr. Wt.)	Central		\$66.00
BAUCH & LOMB ZEPHYR—LIGHT.....	6x	30	1.18	5.00	25.00	148	16 (Lr. Wt.)	Central		80.00
BAUCH & LOMB.....	6x	30	1.18	5.00	25.00	148	19-1/2	Both	\$66.00	72.00
ZEISS SILVAMAR AND SILVAREM.....	6x	30	1.18	5.00	25.00	150	12-1/4-13 (Lr. Wt.)	Both	84.00	90.00
HENSOLDT UNIVERSAL DIALYT.....	6x	30	1.18	5.00	25.00	145	9-3/4 (Lr. Wt.)	Central		98.00
HENSOLDT JAGD DIALYT.....	6x	42	1.65	7.00	49.00	150	17-1/2 (Lr. Wt.)	Central		136.00
BAUCH & LOMB.....	7x	35	1.38	5.00	25.00	127	26	Both	81.00	86.00
BAUCH & LOMB ZEPHYR—LIGHT.....	7x	35	1.38	5.00	25.00	127	20-1/2 (Lr. Wt.)	Central		94.00
HENSOLDT NIMROD DIALYT.....	7x	42	1.65	6.00	36.00	145	17-1/2 (Lr. Wt.)	Central		145.00
BAUCH & LOMB.....	7x	50	1.97	7.10	50.40	127	42	Individual	118.00	
ZEISS BINOCULAR & BINOCTEM.....	7x	50	1.97	7.10	50.40	128	25-1/2-30-1/2 (Lr. Wt.)	Both	154.00	160.00
HENSOLDT MARINE DIALYT.....	7x	50	1.97	7.10	50.40	150	21-1/4 (Lr. Wt.)	Central		158.00
HENSOLDT NACHT DIALYT.....	7x	56	2.21	7.10	50.40	115	23-3/4 (Lr. Wt.)	Central		210.00
MIRAKEL OPTICAL CO. DAYLUX.....	8x	24	0.94	3.00	9.00	150	10	Central		45.00
BAUCH & LOMB.....	8x	30	1.18	3.80	14.44	148	22	Both	76.00	82.00
ZEISS DELTENTIS & DELTRINTEM.....	8x	30	1.18	3.75	14.06	150	13-3/4-14 (Lr. Wt.)	Both	93.00	99.00
HENSOLDT SPORT DIALYT.....	8x	30	1.18	3.75	14.06	125	10-1/2 (Lr. Wt.)	Central		102.00
WOLLENSAK AMERICAN.....	8x	30	1.18	3.50	12.25	135	18	Central		36.75
MIRAKEL OPTICAL CO. SUPERLUX.....	8x	34	1.34	4.00	16.00	145	26	Central		60.00
ZEISS DELTAR AND DELTAREM.....	8x	40	1.57	5.00	25.00	198	33-1/2-35 (Lr. Wt.)	Both	209.00	215.00
BAUCH & LOMB ZEPHYR—LIGHT.....	8x	40	1.57	5.00	25.00	112	30 (Lr. Wt.)	Both	93.00	98.00
BAUCH & LOMB.....	8x	56	2.21	7.00	49.00	114	46	Individual	150.00	
HENSOLDT YACHT DIALYT.....	8x	56	2.21	7.00	49.00	115	23-3/4 (Lr. Wt.)	Central		216.00
BAUCH & LOMB.....	9x	35	1.38	3.80	14.44	127	26	Both	88.50	93.50
BAUCH & LOMB.....	10x	50	1.97	5.00	25.00	90	41	Individual	132.00	
ZEISS DIKARIS AND DIKAREM.....	10x	50	1.97	5.00	25.00	128	30-1/2-31-1/2 (Lr. Wt.)	Both	171.00	177.00
HENSOLDT MOUNTAIN DIALYT.....	10x	50	1.97	5.00	25.00	95	22-1/4 (Lr. Wt.)	Central		174.00
HENSOLDT YACHTEN DIALYT.....	10x	56	2.21	5.60	31.30	100	23-3/4 (Lr. Wt.)	Central		220.00

The use of coarse cloth, or grit-laden chamois skin, or the needless rubbing even with a soft cloth may scratch the surface of the lenses and eventually ruin them or at least impair the quality of performance. Liquids must never be used in cleaning a binocular or any of its parts as serious damage may result.

No optical instrument, when cold, should ever be taken directly into a warm place as it may be seriously impaired, due to the condensing of moisture within the body.

In the last decade, binoculars of domestic manufacture have shown phenomenal improvement, due almost wholly to the efforts of Bausch & Lomb Optical Company. The United States is now one of the two world's leaders in the production of binoculars. It should be a source of no little pride to our citizens to know that they can now purchase American-made binoculars fully the equal in every respect of the finest foreign products and at lower prices due to import duties and the prevailing rate of exchange.

In Germany the prism binoculars of Zeiss and Hensoldt have reached a high state of development, and the Carl Zeiss Company ranks as one of the world's two great optical houses, our own Bausch & Lomb being the other.

In the high quality field, I doubt if any instrument in the world can quite equal the superb binoculars of Bausch & Lomb, Zeiss, and Hensoldt. In the medium and low-priced fields, Mirakel and Wollensak instruments must be considered.

Two recent developments in binoculars arrest attention. The first pertains to epochal improvement in the construction of the new Bausch & Lomb binoculars and the second to the radical weight reduction in certain Zeiss, Hensoldt, and Bausch & Lomb models.

Specifications of binoculars recommended for various purposes follow:

Special Deer Glasses: Miniature glasses are popular with deer hunters. These usually include instruments of 5, 6, and 7 power with objective lens diameters of 18 to 24 mm. Weight 10 ounces or less; made with center focusing only. Resolving power and brightness limited but definition and width of field of view often excellent.

Bird Study: Requires a glass of good resolving power, definition, and brightness rather than wide field of view. Weight is a factor but comparatively unimportant unless the observing is to be done in the rugged mountains. Standard equipment includes the 6 x 30, 7 x 35, 7 x 50, and occasionally an 8 x 30, depending upon the distance at which the observing will be done.

Navigation: The 7 x 50 with individual eyepiece focusing device is standard equipment. Must not exceed 7X and 6X is better for small craft. Great brightness and protection against moisture and corrosion are prime factors.

Woodland Hunting: Requirements are good resolving power, definition, brightness, and width of field, or about the same qualities desired for use in the tropics. Low or medium power entirely satisfactory. The 6 x 30 is standard equipment.

Western Prairie Country: Reasonably high power is the prime requisite. The 8 x 30 with individual eyepiece focusing is standard equipment but the 9 x 35 is sometimes preferred as the observing is frequently done at great distances.

Tropics: Requirements are great relative brightness, good definition, wide field of view, imperviousness to dampness, low power, and medium or light weight. The 6 x 30 is standard equipment; the 7 x 35 is also excellent. Where there is no objection to weight and bulk and limited field, the 7 x 50 would be satisfactory. Any glass selected should have the individual eyepiece focusing devices since they are more nearly moisture proof. In the dry seasons, dust proof

glasses are also advisable, and this, too, calls for the individual eyepiece focusing type.

Rocky Mountains: Requirements are reasonably high power and light weight. The 8 x 30 is standard equipment. A few persons with very steady nerves are willing to go to 9 x 35 or 10X provided weight and bulk are kept to the minimum.

Aviation: After repeated tests, the U. S. Naval experts have apparently decided upon the 6 x 30 with individual eyepiece focusing, and have recently placed orders for a large number of glasses of this specification, which is now standard. Low power, brightness, and width of field are the qualities demanded.

All - Around Glass: Requirements are good resolving power, definition, brightness, wide field, medium weight and bulk, mechanical excellence, and moderate cost. The 6 x 30 is by all odds the proper choice. The 6 x 42 and 7 x 35 are also good although the latter offers a smaller field, is bulkier, and weighs more. Undoubtedly, the 6 x 30 is our best all-purpose glass, and yet Bausch & Lomb sell more of their new 7 x 35 instruments than they do of the old stand-by, the 6 x 30. Either type of focusing may be secured but if ordered with the individual eyepiece focusing device, it would be suitable for any climate.

WE SHOOT DOUBLE-ACTION

(Continued from page 21)

ably fine abrasive paper, and delicate stones, all of which equipment friend Charley seemed to know just where to obtain. Meanwhile I had toured half the hardware shops in town, and had collected a handful of little springs of various degrees of tension, diameter, and length. These we painfully tested as replacements of the standard heavy rebound springs in our guns, until we found some that were just right for the job.

By this time we had worked our respective double-action trigger-pulls down to about 8 pounds, with a velvety smoothness of action. We had also burnt our bridges behind us by grinding off our hammer spurs. Both of us had begun to turn in an occasional score better than anything we had ever done with single-action. Perhaps it is well to say right here that our aim at no time was to emulate the remarkable double-action feats of the famed McGovern, but rather to utilize the double-action principle which the makers had built into the gun, in the standard courses of target shooting. It began to seem to us just as foolish to neglect this inherent principle in the gun, as it would be to drive a car on second speed only.

Now the question of grips came to the fore. Both of us used some form of filler piece or Pachmayr. Mine was a home-made but carefully carved piece of walnut, at first extreme in size but later trimmed down as shown in the picture. Major Swezey used a standard Pachmayr, later superseded by a custom-made grip which fits his hand well. So far as we could observe, the only essential in a grip for double-action work is the absence of any projection or raised area to catch or affect the smooth sliding along it of the tip of the forefinger as the trigger is pulled. The grip should also have the correct shape to insure that the gun will not be pounded deeper into the hand by successive explosions, thus changing the hand hold. On my gun (shown in the pictures), filler-piece and stocks form a wedge-shaped contour which transmits the downward thrust of recoil to all three of the fingers holding the gun, rather than to the middle finger only as is the case with the usual type of filler-piece. The experience of others, how-

ever, seems to indicate that this is a point of only minor importance.

The whole period of this development was necessarily long. Both of us being business men, with access only to our outdoor club range, we had to wait for the week-ends to roll around to test out each successive step. Our progress, however, was consistent. We began to turn in relatively important scores. All of our shooting is done on the Army "D" pistol course with a 5-inch bull, slow fire at 25 yards, 15-second timed-fire at 25 yards, and 11-second rapid-fire at 15 yards. Both of us now quite regularly hang up scores in the 290's, often up to 296 or 298, while one of us has upon occasion reached the ultimate goal of a 300 possible.

It must be remembered that we are not nationally famous experts, with a long record of medal-winning achievement behind us. We profess no degree of skill or ability beyond that to be found in almost any revolver club. Thus the scores given above, and the targets reproduced, are hardly to be compared to the achievements of high-ranking experts in the national matches, but rather to scores shot in any meeting of the average revolver club. The targets reproduced are some of our high points, reached during a period of about a year. However, we are duplicating them more and more often as time goes on, and although we do throw an occasional 6 or 7, it hardly ever happens these days. The big point is that our average score is all of ten points higher with double- than with single-action, and is made with a confidence and absence of nervous hurry unknown to us in a number of years of single-action striving. Moreover, we have a feeling that we are going to continue to improve.

One curious development is the reaction of our fellow-shooters. The general feeling seems to be that some form of magic is involved in good double-action shooting. We have had members of a visiting revolver team stand behind us, shaking their heads in apparent complete disbelief while before their eyes we threw in winning scores; reminding one of the classic story of the farmer who, upon seeing a giraffe for the first time, remarked "There ain't no such animal!" Various Doubting Thomases with a devil-may-care attitude of "try anything once," will stuff a few cartridges in their guns, spew them down the range, and find their doubts confirmed. Trying it once will get nowhere—although one of our fellow club members did it, and surprised himself so that he has since adopted double-action, in the course of a month making better scores than years of single-action shooting had produced for him. This is unusual; but isn't it worth gambling, say, two hundred cartridges on the chance? Let the last ten tell the story.

Is it all worth while? It does seem like a lot of trouble; for the gun must be *right* for double-action, and all the fussing and tinkering that is seemingly required to provide ultra-smooth action is presumably a nuisance (although we enjoyed it). And yet—was there ever a good single-action shooter who hadn't fussed and tinkered and fiddled with his gun until he had it trained down like a race-horse?

And what of the advantages? They are many—mostly concerned with speed, and ease of holding. In the first place, the grip is never relaxed, never changed. No need for hand gymnastics to get the hammer back. No chance of thumb slipping from hammer spur and putting you ten down right there. That constant, unvarying grip maintained throughout the entire string is probably one of the principal reasons why, in our experience at least, double-action gives better scores. Get the first one going down the groove, and the rest tend to follow.

Strange to say, the comparatively heavy pull seems to act as a steadying influence. We have developed a theory

about this, too; and, right or wrong, here it is: The double-action pull starts at, say, seven pounds, and ends at about eight. There is little weight difference between the start of the pull and the finish. In single-action, however, the pull starts at zero and builds up to three or four pounds. We believe it is that weight *difference* that counts, for it must be met by an exactly compensating increase in the tension of the muscles holding the gun in line, otherwise the muzzle will be depressed. Try hanging a seven-pound weight on your forefinger, and then add another pound. The difference will be hardly more than perceptible. But start with no weight at all on your forefinger, then add four pounds, and note the positive muscular reaction required to support it. I do not say that this theory is correct, but it serves to explain the effect of the greater steadiness which double-action gives us.

Another really important advantage seems to lie in the fact that the trigger in its long backward movement tells you by its position at any time just how imminent the explosion is. This is something you do not get in single-action, where the trigger lets go suddenly, with no advance warning beyond the feeling of pressure which the forefinger exerts.

Beyond the fact that all of us who use double-action find it absolutely essential to let the tip of the trigger-finger touch and slide smoothly along the surface of the frame as the trigger is pulled, there seems to be no unvarying rule covering grip. I grip the stock as I would a club, and it seems to me the natural way to best hold a jumping gun in place. Friend Charley uses the more conventional "thumb-up" position, and it serves him well. The grip that gives you the best results is the right one for you, no matter what the books say.

But the big advantage in double-action, and the factor that helps our scores, is better shooting in timed- and rapid-fire. The instant the muzzle of the gun jumps in recoil, it is pulled back into line and we start aiming the next shot. The single-action man thumbs the hammer, obscuring the rear sight with his thumb, wobbles the muzzle some in cocking, grips the gun afresh and *perhaps* in the same way as before, finally gets lined-up, and only then begins to aim his next shot. All this doesn't take very long, perhaps, but still he cannot aim until it is over. We can.

In consequence of this increased aiming time, the double-action shooter ambles through timed-fire like a car going twenty-five miles an hour. It's hardly more than slow-fire to him. And in rapid-fire, while the single-action shooter is going through a rapid and complicated series of finger gymnastics that would do credit to a violin virtuoso, the double-action man has hardly begun to extend himself. If he has a sense of timing, he can smoothly and carefully plant his shots with no feeling of undue hurry. In fact he can still throw a respectable group of five aimed shots in six-second or even five-second strings. In any shorter time than that it seems to become a matter of instinctive pointing rather than aimed fire. At least that has been our experience.

A recent article in *THE RIFLEMAN* pointed out that no double-action adherents had finished in the top half of any Camp Perry match during the past three years. This may mean simply that very few, if any, double-action experts competed. In any case, it seems reasonable to believe that if the courses at Camp Perry were arranged to provide scope for the full possibilities of the modern revolver in rapidity of accurate fire, the single-action shooters would have a pretty tough time of it. The present courses of firing are arranged strictly to meet the limitations imposed by single-action technique, and give no consideration whatever to the latent possibilities of the modern arm. Perhaps some day these courses will include two "Super-Rapid" strings of

five seconds each. Then, if the course seemed too long, perhaps the slow-fire strings could be eliminated, in the realization that they have no real relationship to the practical use of the revolver except as an introductory phase.

Be that as it may, Charley and I are not planning to visit Camp Perry and astound the world with our double-action method. We will leave that to better men than we. But we are having plenty of fun with double-action in our local shooting circle—and getting a recruit now and then, too; and if our experiments should lure a few more adventurous shooters from the straight and narrow path of single-action into the almost unexplored territory which we have found, our efforts will have been justified.

If you should be one of these adventurous souls, the following simple rules, as we have found them, may help you:

So grasp the stock of the gun that the tip of the trigger finger touches the side of the frame, when the trigger is half way back to firing position.

Maintain light but even pressure with the finger tip, sliding it along with the trigger.

With a continuous steady pull, keep the trigger coming back until the hammer falls.

Simple, isn't it? But—don't take our findings too literally. They work well for us—some variation of them may work better for you.

And—Good luck to you.

COMBINATION MOUNTS

(Continued from page 25)

purpose of judging the relative merits of our various loads, we had to disregard these regular fliers. On this basis the 6X Unertl scope was credited with an average group of 1.33 inches at 100 yards, and it made 2.60 inches at 200 yards. With the 3X Unertl scope the 100-yard average was 1.93 inches, using the same 100-grain factory load.

For our load-testing we used the 6X Unertl scope. That same day our best handload was 51.0 grains of No. 4320 behind the W. T. & C. 130-grain bullet, which placed its 5 shots in only 0.80-inch. It put 8 shots in 3.05 inches at 200 yards, plus two fliers. The next best load was a grain more of the same powder behind the W. T. & C. 100-grain bullet, which grouped 1.45 inches, and—less one flier—only 0.85-inch at 100 yards. Other fair loads were 49.0 and 50.0 grains of No. 4064 behind the 95-grain W. T. & C. bullet. These full-power loads all employed the Remington No. 9½ Kleanbore primer. The heavier loads placed their groups 6 minutes of angle above the center of impact of the 100-grain factory load.

In this outfit, and using both F. A. No. 70 and R. A. No. 9½ primers, we had fair results with various lead-alloy bullets. The 110-grain B. & M. plain-base bullet made 2.0 inches at 100 yards with 8.7 grains of No. 80, and 1.9 inches with 10.0 grains of the same. The 111-grain Loverin gas-check bullet shot into 1.62 inches with 17.5 grains of No. 4198, and also into 1.90 inches, with 4 shots in 1.30 inches. We tried 5 shots with 23.0 grains of No. 3031, and got a 1.52-inch group at 100 yards. The 103-grain Gipson gas-check bullet put its 5 shots in 1.25 inches with a powder charge of 18.0 grains of No. 4198. This load also put 8 shots in 2.18 inches and 4 shots in 0.85-inch. The 136-grain Gipson gas-check bullet and 23.0 grains of No. 3031 put 5 shots in 1.90 inches, with 4 shots in 1.30 inches. It also put 8 shots in 2.45 inches when we added an IPCO wad. Without the wad, but with an additional grain of powder, this bullet put its 10 shots in 2.52 inches at 100 yards.

We consider the results obtained normal for this rifle, but we removed the Smith mounts at the completion of our test. While they are undoubtedly stronger than target mounts of approximately the same weight, and probably less vulnerable, because lower, they project as much or more over the sides of the rifle, and are at least equally likely to prove annoying by catching into things such as clothing, cases, scabbards, and the underbrush. While they are fully adjustable and hold their adjustments satisfactorily, they are appreciably less convenient than a conventional target outfit. The mount rings, like target mounts, must be left on the scope when the latter is removed from its bases. The principal objection is that the Smith bases left on the rifle project as much to either side as they do with the scope in place, although they do not interfere with the use of metallic sights.

HUNTING MARKSMANSHIP

(Continued from page 20)

comes to this kind of hunting we get into the billiards of the game, and the hunter finds need of all the aids to firing that he can get, including steady positions, the use of a sling strap, the best of sights, high-velocity ammunition, a thorough knowledge of sight adjustment, and the ability to accurately estimate distance. When a rifle is once sighted-in for the range desired, the sight should be locked at the proper setting and not disturbed; and it is well to record the setting for both windage and elevation some place on the rifle. I scratch it on the metal cap of my pistol grip, where it stays and can be readily referred to at any time there is doubt about the setting.

A small volume could be written about hunting sights for rifles, and there is no detail of equipment that is so open to discussion and even controversy as the best kind of sights for sporting purposes. It is sufficient to say that the best-informed and most experienced riflemen have accepted the idea of the large aperture rear sight with a small rim. During a long and diversified shooting experience I have tried out so many different kinds and shapes of front sights that it makes me old to think of them. Among those that proved the most satisfactory were beads of coin silver, phosphor bronze, and gold, and those faced with ivory and red enamel; and of these I now much prefer the red-faced sight. These can be obtained in a luminous red enamel in either bead or rectangular-blade form, and are excellent in that they show up well against any background one encounters while hunting. Their advantage over the metal bead lies in the fact that they do not wear shiny on the top or edges. After four years of using the King Red front sights, I never expect to use any other kind except it be the telescope. The scope sight is proving very popular for both small and large-game shooting, especially with those who have difficulty with their eyes, for whom it has renewed their youth as far as seeing is concerned.

To sum up briefly, hunting marksmanship resolves itself into the ability to quickly take a steady, comfortable firing position; to aim rapidly and uniformly; to keep one's eyes on the game while smoothly and rapidly manipulating the action of the rifle; to reload without taking the arm from the shoulder until the string of shots is completed; and finally, to exercise absolute concentration in aiming and firing so as to avoid the disastrous psychological effects of panic or buck fever. To master these essentials most readily requires a reasonable amount of intelligent practice at simulated game targets, backed by experience in the game fields.

8 new WORLD RECORDS

11 major Pistol Wins at Camp Perry!

NEVER in the history of pistol marksmanship has there been anything comparable to the sensational shooting by members of the Detroit Police team at the Camp Perry national matches August 21 to September 10, and at the Pre-Perry Tournament of the Eastern Michigan Rifle & Pistol Ass'n., Detroit, Mich., August 20-21.

Eight new World Records were set with WESTERN ammunition by the Detroit Police in less than two weeks! They walked off with 11 major wins at Camp Perry, using WESTERN exclusively, and set 6 new Camp Perry records—listed on the following page.

NEW WORLD RECORDS At Camp Perry

Interstate and Interservice .45 Automatic Team
Match, Detroit 4-Man Team.....Score: 1081
.45 Slow Fire Pistol Match, Ptl. Harry Reeves...Score: 183
Police Doubles, Ptl. W. Dale and C. Sayers....Score: 585

At Pre-Perry Tournament

.22 National Course, Ptl. Alf. Hemming.....Score: 297
Center-Fire, Nat'l. Course, Ptl. Alf. Hemming..Score: 298
.22 Timed Fire, Ptl. Harry Reeves.....Score: 200 x 200
.45 Timed Fire, Ptl. Harry Reeves.....Score: 197
.45 Rapid Fire, Ptl. Alf. Hemming.....Score: 192

.22, .38 and .45 NAT'L. CHAMPIONSHIPS!

In addition to setting .45-Slow-Fire and .45 Timed-Fire World Records, Ptl. Harry Reeves of the Detroit Police won the N. R. A. .22 Pistol Championship—and in the Pre-Perry Tournament fired a sensational .22-caliber Timed Fire 200 x 200 with WESTERN SUPER-MATCH, for another World Record. It is the first possible ever recorded in registered pistol competition! Continuing at the same stage, Reeves fired 10 additional 10's for a phenomenal 300 x 300! Ptl. Alf. W. Hemming won the Orton Memorial, emblematic of the National .45 Championship in which commercial ammunition is permitted, setting a new Camp Perry record of 281.

P. M. Chapman, U. S. Treasury Team, set a new Camp Perry record of 291 with WESTERN in winning the .38 N. R. A. Championship—the Clarke Memorial Trophy.



by DETROIT POLICE WITH *Western*



DETROIT POLICE PISTOL TEAM. Left to right, front row: Patrolman Harry W. Reeves, Detective Albert Shapiro. Back row: Detective Maurice W. LaLonde, Sergeant Marvin D. Driver, Firearms Instructor, Patrolman Alfred W. Hemming.

MORE SMALL BORE MATCHES THAN WITH ANY OTHER

9 Camp Perry Pistol Records with *Western*

COLT TROPHY...	Detroit Police Team.....	1157
MCGINLEY TROPHY...	Ptl. Maurice LaLonde, Detroit Police.....	289
CENTER-FIRE PISTOL MEDALIST'S...	Ptl. Maurice LaLonde, Detroit Police.....	290
WILLIAMS AGGREGATE...	Ptl. Alf. Hemming, Detroit Police... 855 x 900	
.45 TIMED FIRE...	Ptl. Harry Reeves, Detroit Police.....	196
ORTON MEMORIAL...	Ptl. Alf. Hemming, Detroit Police.....	281
CLARK MEMORIAL...	P. M. Chapman, U. S. Treasury Team....	291
.45 RAPID FIRE...	Dr. G. R. Price, California Civilian.....	191
AMERICAN LEGION MATCH...	P. M. Chapman, U. S. Treasury Team....	291

5 OTHER PISTOL TRIUMPHS FOR WESTERN

N. R. A. .22 PISTOL CHAMPIONSHIP...	Ptl. Harry Reeves, Detroit Police.....	292
CENTER-FIRE TIMED FIRE MATCH...	Ptl. Alf. Hemming, Detroit Police.....	198
.45 POLICE PISTOL MATCH...	Ptl. Oliver J. Yanick, St. Louis Police.....	280
N. R. A. REVOLVER TEAM TROPHY...	California Civilian Pistol Team, High in Civilian Division.....	1048
HIGH ON INTERNATIONAL PISTOL TEAM...	Ptl. Alf. Hemming, Detroit Police.....	187

SMALL BORE WINS

Critchfield Aggregate

Winchester Trophy

Remington Trophy

U. S. Cartridge Trophy

100-Yd. Any, All-Comers

Preliminary R.W.S.

Austin Trophy

Medalist's Dewar

Hercules Doubles Trophy

Randle Doubles Trophy

50-Yd. Iron, All-Comers

American Legion

50-Yd. Any, Restricted

NEW WORLD RECORD IN POLICE DOUBLES PISTOL MATCH

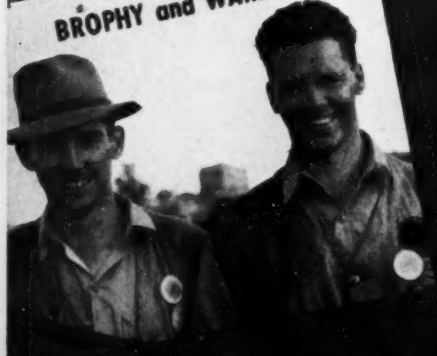
DALE and SAYERS



P. M. CHAPMAN of Tacoma, Wash., member of the U. S. Treasury Pistol Team won the .38 N. R. A. Championship. Score: 291. Also the American Legion. Score: 291.



The World Record score of 585 made by Patrolmen William Dale and Clyde Sayers of the Detroit Police, in winning the Police Doubles Pistol Match, was one of the stellar achievements at the national matches where, as usual, WESTERN accuracy won top honors!



CHIS WON WITH SUPER-MATCH OTHER AMMUNITION!

13 SUPER-MATCH VICTORIES AT CAMP PERRY!

THE extreme confidence which the nation's leading small-bore riflemen place in SUPER-MATCH smokeless L. R. .22's was demonstrated by their sweeping victories with the world's most accurate .22-caliber ammunition. More matches and more places were won with SUPER-MATCH than with any other brand.

WM. B. WOODRING, Alton, Ill., won the National Small-Bore Championship, designated as the Critchfield Aggregate, for the third consecutive year and became the first shooter ever to win the national championship three times! His score of 1593—58X was only 7 points down out of 1600, a new record for this course of fire. Woodring also won the U. S. Cartridge Match—score: 400—30X, the Remington Match—score: 399, and the 50-Yard Metallic All-Comers event—score: 400—37X.

Five of the 10 shooters selected for the United States in the International R. W. S. Match at 50 meters, used SUPER-MATCH. Six of the 10 on the Inter-Allied Small-Bore Team and seven of the 20 on the Dewar Inter'l Team used SUPER-MATCH.

E. P. MENZEN, Atlanta, Ga., shot a perfect 400 to win out over 315 expert riflemen in the Austin Trophy Match.

HOMER GALLOWAY, Lore City, Iowa dropped only 1 point in winning the Winchester Trophy Match. Score: 199.

KENNETH RECKER, Winter Haven, Fla., won the 100-Yard Any Sights All-Comers with a perfect 400.

VERE F. HAMER, Woodstock, Minn., defeated 399 competitors in the Prelim. R. W. S. Course Match with a perfect 400.

CARL L. JACKSON, Atlanta, Ga., won the Medalist's Dewar Match. Score: 388.

MRS. KAY WOODRING, Alton, Ill., won the Tom Lewis Trophy awarded the high woman competitor in the U. S. Cartridge Trophy Match. Score: 399—27X.

ALLISON TARR, Verona, Pa., and **MARION L. EASTEP**, Turtle Creek, Pa., captured the Hercules Trophy Doubles Match. Score: 388.

JOHN R. WARK, Buffalo, N. Y. and **W. S. BROPHY, Jr.**, Yonkers, N. Y., took the Randle Trophy Doubles. Score: 398.

L. A. POPE, of Los Angeles, Cal., won the American Legion. In the shoot-off of a 3-way tie of 199, Pope scored another 199.

DALE H. PAGE, Topeka, Kans., won the 50-Yard Any Sights Restricted. Score: 400—28X.



NEW DU PONT TROPHY RECORD

GMIC MELVON O. WILSON of the U. S. Coast Guard team captured the DuPont Trophy All-Around Match shooting WESTERN in all matches in which commercial ammunition is permitted. His score of 1054 raised the record 3 points!



MELVON O. WILSON

CALIFORNIA CIVILIAN PISTOL TEAM, High Civilian Team in N.R.A. Revolver Team Trophy Match. Left to Right: Howard Hagan, Fred Michael, Dr. H. J. Brown, Dr. G. R. Price.



JACKSON



RECKER



MRS. KAY WOODRING



TARR



TARR and EASTEP



SGT. V. J. KRAVITZ



U. S. MARINE CORPS TEAM—winners of the Herrick Trophy Match. Left to right, front row: 2nd Lt. E. L. Hamilton, alternate, Capt. C. R. Moss, Capt. A. Larson—team captain, ChMGun. C. A. Lloyd—team coach, 2nd Lt. N. O. Castle, 1st Lt. S. R. Shaw. Back row: GySgt. C. J. Anderson, MGySgt. W. F. Pulver, Sgt. W. L. Jessup, Major M. L. Shively—captain of Marine Corps rifle and pistol teams, Sgt. B. M. Bunn, PlSgt. C. N. Harris, Pfc. W. L. Jordan, Jr.

Western ACCURACY SWEEPS NATIONAL MATCHES!

THE UNITED STATES MARINE CORPS team set a new World Record of 797—122-V's, 20 shots prone per man at 1,000 yards, in winning the Herrick Trophy Match. The team's remarkable score exceeded the previous record, set last year at Camp Perry, by 1-V. Both records were made with Western .300 H. & H. Magnum ammunition.

SGT. VALENTINE J. KRAVITZ of the Marine Corps team outshot 1,887 competitors in the Wimbledon Cup Match, using Western .300 H. & H. Magnum ammunition. His perfect score of 100—19-V's for 20 shots at 1,000 yards prone equalled the World Record score made in 1936.

PTL. SGT. EDWARD V. SEESER, another member of the Marine Corps team, won the President's Match with a score of 146—only 1 point under the Camp Perry record for 10 shots at each of the 200, 600 and 1,000-yard ranges.

SGT. HANSFORD H. WAGNER of the U. S. Infantry team won the Crowell Trophy Match. His perfect score of 50 with 13-V's, for 10 shots at 600 yards, prone, outranked 1,670 of the country's best riflemen.

THE CALIFORNIA NATIONAL GUARD team placed first in the National Guard division of the Herrick Trophy Match. Score: 782.

THE MICHIGAN CIVILIAN team, also shooting Western, had the highest score in the civilian division of the Herrick Trophy Match—788.

Again this year, as in previous years at the national matches, the supreme accuracy of Western .30'06 and Western .300 H. & H. match ammunition reaffirmed Western's right to the slogan—

World Champion Ammunition

WESTERN CARTRIDGE COMPANY, EAST ALTON, ILLINOIS



PTL. SGT. E. V. SEESER



SGT. H. H. WAGNER



CALIFORNIA NATIONAL GUARD RIFLE TEAM, High National Guard Team in the Herrick Trophy Team Match. Left to right, front row: Capt. Daniel H. Hudelson, Col. David P. Hardy, Sgt. Sam D. Teel, Lt. Robert F. Bergmann. Back row: Pfc. Russell Parke, Capt. Paul J. Roberts, Sgt. E. B. Crossman, Cpl. T. J. Roe.



MICHIGAN CIVILIAN RIFLE TEAM, High Civilian Team in the Herrick Trophy Team Match. Left to right, front row: E. N. Moor, Jr., Chas. Vincent, Back row: W. L. Wilson, Glen Petersimes, Geo. Forstrom, Fred Friedmann, Donald R. Schurtz.

OVER THE NEWS DESK

CLUB SUGGESTIONS

The question of training new riflemen, giving them the impetus necessary to get them wholeheartedly onto the range, and there to stay, is a problem that has faced almost every club secretary interested in bringing new blood into the shooting game. Often he finds himself confronted with a group that has never shot before, but whose interest has been aroused, perhaps as spectators, to the point that with a little encouragement and elementary instruction, they could become shooters themselves. Should he ignore the opportunity when it presents itself, or should he try to do something about it? How the Portsmouth, Ohio, Y. M. C. A. Rifle Club met the challenge and succeeded in materially increasing the gun-conscious citizenry of Portsmouth is an interesting story. Their method was the organization of a marksmanship—

TRAINING SCHOOL

We are receiving many requests for information about our Training School, if it may be dignified by such a title. The Portsmouth Norfolk and Western Railway Y. M. C. A. has stood behind a rifle club here for nearly a dozen years, but only recently has the Central "Y" taken notice of the activity. When the uptown Association found they had a group of interested applicants and no range or trained personnel to handle the prospective shooters, they gladly turned those names over to us at the Railway "Y".

We invited all of the various groups onto our range while the indoor program was still at its height. We did not tell them they were taking a course of training . . . merely got them on the mats and told them what to do and how to do it. Luckily, we had some trained coaches and they did not hesitate to tackle their jobs with a will. Some ten groups enrolled, so that we found it good to have two of them out each week night for some eight weeks. It gave the evening the appearance of competition when scores were posted side by side . . . and they liked that.

Girls were enrolled in the proportion of about one to four men. As usual, where they were physically and temperamentally fitted for this game, they were quickly stepping into neat scores, even offhand and kneeling.

The local Lions Club were the first to enroll, then a rod-and-gun club, a group from a brick plant, a conservation club, five units from a shoe manufacturing plant, a community group and some folks who were just miscellaneous odds and ends—75 in all.

Equipment was terribly lacking, so the club's Springfields and rifles belonging to the old timers were put into use—and they surely underwent a gruelling test! Beginners let the muzzles drag on the concrete floor and often pulled a case from a bullet with the result of a lot of unburned powder getting in the action and magazine well. But the effort was not abandoned because of these little sour notes—good material was on hand and it was a great opportunity to put it to fine use.

Came warm weather—and it came early this year. We called a meeting of the groups and began talking of outdoor shooting, with the hazards of wind, changing light, and sudden April showers. But even so they called for a few weeks of practice. All had a spirit of do-or-die that was heartening to the promoters.

We tried to hold all in check so that no one evening would have more on the field than could be accommodated with some show of thoroughness. Rifles were too few, and there were not enough spotting scopes. Coaches were not so easily found as was the case during the first

period indoors, but progress was noted. A few new rifles began to put in their appearance. Some old slow-action 52's showed up, and the tests proved them splendid for prone work. One by one the six to seven pound rifles began to disappear. The two Springfields were now getting more than their share—and standing up in a grand way. (We pay this tribute with no hesitancy—wish more clubs would give a true picture of this sturdy gun and its ability to "take it" year after year in the hands of kids, rank beginners and veterans who shoot and then set a gun away without a further thought of its usefulness.)

DIRECTORS ELECTED AT CAMP PERRY TERMS EXPIRING 1941

Col. L. T. Waller, Jr., Pennsylvania
Mr. T. F. Bridgeland, Florida
Lt. Col. Julian S. Hatcher, Ordnance Dept., U. S. A.
Mr. Seth Gordon, Pennsylvania
Mr. C. B. Lister, Washington, D. C.
Mr. Frank J. Kahrs, Connecticut
Col. R. F. Gadd, Connecticut
Com. W. H. Blandy, U. S. N.
Mr. H. C. Almy, Indiana
Mr. R. C. Bracken, Ohio
Lt. Col. B. W. Mills, Dir. Civ. Marksmanship
Mr. L. M. Temple, New York
Dr. P. H. Philbrook, California
Mr. E. N. Moor, Michigan
Mr. T. A. McGinley, Pennsylvania
Mr. A. L. Womack, Louisiana
Mr. F. C. Hoppe, Pennsylvania
Sen. Ernest Lundeen, Minnesota
Brig. Gen. E. A. Walsh, Minnesota
Maj. J. C. Mauk, Penn. State Police

Recently we have had a meeting and decided the efforts here described had been a success. Training period scores looked good enough that now we should have a ten-weeks tournament. So it is set up, each group to come to the range on an evening planned with a thought for the convenience of all, and there shoot while another group is going through the same course. Match conditions—we agree this must be carefully enforced from the very start. Some latitude is given to those who may not be able to come out on the night assigned, but once an entire week is missed, that chance is gone forever. In ten weeks each unit must turn in at least eight four-man team scores: those with more will count only the high eight. Dewar conditions will be in force throughout. At the end of the tournament a plaque will be awarded the high team, while the high individual in each group will receive a medal. This gives incentive for all of the teams to exert themselves, and each individual is pitted against only the members of his own outfit for the medals.

There . . . these are the essentials. The hard times are making this something of a task, but if all the shooters were working full time and spending money was plenty, they likely would want to tackle something more spectacular, but surely not more conducive to health and faculty control and in the end this community is certain to be plentifully supplied with riflemen—and rifle-women—who are well grounded in the fundamentals of the game. A few already are making inquiries about the big bore school and matches at Camp Perry—and we give them the encouragement we feel necessary to make them get in trim and try for a place on the Ohio Civilian Team.

With generous space in our local paper and a period weekly on the local radio, the activities generally will become well covered and new names will be heralded as fast as they achieve the high altitudes. Yes, I believe this effort is "clicking".—E. M. FARRIS.

TIMED FIRE with Bill Shadel

Back from Perry, we well remember: Little Ann Ballew, 14-year old Mannington, W. Va., tap dancer and musician, who stole the show during the first week Junior Matches by winning everything in the Class B division but the huge water tower that overlooks the Junior area. Became the only girl ever to win the Whistler Trophy, bettering last years mark by 27 points in so doing. . . . Those California Civilians up in fourth place in the National Team Match. . . . The backstage scenes in the statistical and administrative offices, where there never was enough help to carry on within reasonable hours . . . and the sportsmanship displayed by a score of hard-luckers who were ruled out of medal places, or pushed to the top of a bulletin by a mistake, and then had to up and tell us they hadn't won the match, more than overshadowed the too-much publicized "inaccuracies" of scoring. . . . General Critchfield, without whom Perry wouldn't be Perry . . . and the heartbreaking ill luck of Helen Speta, who scored a 400 in one of the Dewar events, which meant second woman member of the 400 club, and then found she had fired 41 shots . . .

Federal Judge Walter Oakey, small bore shot and one-time nemesis of the evildoer in his native North Carolina, ran afoul of the law himself at Camp Perry. Seems the judge decided to move over to the Lyman shack on Commercial Row. He picked up his bed and bedding and walked shackward, but was intercepted by a squad of hardboiled M. P.'s whose sole interest was in escorting friend Oakey. Walter says he spent an anxious half hour "telling it to the judge" and convincing the Provost that he wasn't stealing blankets.

A handful of Northern Californians have been doing a commendable job of shooting promotion in their neck-of-the-woods. So now comes their first registered pistol shoot, which incidentally is the first handgun registration ever to come from this top half of the state. To be staged by the San Francisco traffic cops October 15 and 16 on the Fort Funston range, it's simply the old Northern California Championship meet with four or five matches added.

New York's infamous Sullivan law continues to be a thorn in the side of the honest gun-owning citizen, though it still has had no effect upon the crook who would tote a pistol. The latest incident concerns a 'teen age boy, son of a Brooklyn gunsmith, sent to the express office to pick up a package containing a revolver, shipped, incidentally by a law enforcement agent and police instructor of another state. The youngster, innocent of the content of the shipment, was arrested before he reached home, charged with carrying the weapon without a permit. Only after considerable inconvenience and the posting of a \$500 bond was the case closed, and then not until it had reached the State Court, at great cost to the boy's father. The absurdity of a law that will continue to permit such patent injustices becomes increasingly evident. It is an indictment not only of the legislative body that conceived it, but of the state that will permit it to remain on its books.

Tournament Reviews

REGISTERED MATCHES

BAY STATE SMALL BORE

The Johnstown flood, the wreck of the "Hesperus" and the Sixth Annual Small Bore Tournament of the Bay State Rifle and Pistol Association will forever be remembered by shooters of the Northeast corner of this country as three occasions when there was a lot of water sloshing indiscriminately about. To those amphibians who competed in the latter deluge on the days of the 23rd and 24th of July, the Association tenders its sincere thanks, and at the same time disclaims all responsibilities for water on the brain, floating kidneys, and web feet.

Throughout the matches, two well-known figures loomed up in spite of "visibility nil, ceiling zero". In fact, both Eric Johnson and H. D. Allyn became mental hazards to the rest of the competitors. To start the ball rolling, Allyn, Johnson, and Frank Crooker sloshed through the 50 Meter Championship in the order named, with scores of 390, 389, and 388 respectively. In the Midrange Any Sights Match, there was as fine an exhibition of cross-firing as ever seen outside of a home for the blind, due apparently to the lack of periscopes on the line. Three 397's took first places, Allyn with 27X's, Eric Johnson with 23, and John W. Cole with 22.

The Swiss match was bagged by the feminine Massachusetts triple threat, Mrs. John W. Cole, who amassed 20 bulls. New London's gift to the shooting fraternity, F. B. Bentley panted in a close second with 19, and smiling George Fox took third honors with 13 hits. Once again, in the Short Range Championship, H. D. Allyn beamed down from the top of the list with a very creditable 399. The second place medal was gracefully plucked by one of the fair and frail, Mrs. John Rand with 398. George Morgan gallantly accepted third place, although he too, had 398. Ladies before gentlemen. Besides, she had the most X's.

A mixed foursome from the Arlington Rifle Club, Rands and Coles, ambled off clutching first place medals in the Team Match, topping by seven points the delegation from the Westboro Rifle Club. Numerically, 1577 to 1570.

Eric Johnson, F. Bentley, and Mrs. Cole had things their own way in the Midrange Championship with scores of 399, 398 and 397. Considerable consternation was caused during this match by a strange bright light, at length recognized by the oldest inhabitant as the sun. Before any real damage was done Jupiter Pluvius again wept and peace reigned. The Dewar Match was taken by one M. P. Rose, score 398. Frank Crooker also had 398, but was deficient in X's. A certain Eric Johnson toddled in third, caused by a 397. 'Tis passing strange that a match bearing the name of a famous brand of whiskey should be won with a Martini, albeit not a dry one. Quite an intoxicating thought.

The Long Range Championship was taken into camp by none other than the several times mentioned H. D. Allyn, with a 397. L. A. Conant was right behind him with a 396, and the previously mentioned F. C. Crooker trailed in third with but one point less. The much sought after Small Bore Championship, an aggregate of the Short-, Mid- and Long-range matches, passed into the capable hands of the now familiar H. D. Allyn, who dropped but 11 points in 100 shots at 50, 100, and 200 yards. Under the conditions, this 989 was a remarkably fine score. Eric Johnson finished but one point behind him, and Charles McCarthy third with a 983.

Our four ladies did very well for themselves in the Women's Championship, undeterred by a mere cloudburst. Ora Rand led the field with 398, closely tailed by Sue Cole's 397. Ruth Crooker (yep, he's her daddy) was right behind with a 395. Ruth also took first place in the Junior Championship, while James Greene, Jr.,

and pocket edition John Cole, Jr., scampered home with second and third medals.

In spite of the inclemencies of the weather (mild term) everyone seemed to enjoy themselves. It isn't every sport that can boast of having devotees who will compete during two days of terrible conditions with as little display of frayed tempers as were exhibited at Walnut Hill.

One of the highlights of the matches occurred when a well known figure in these parts pried himself from the swampy firing line and entered the Clubhouse, making the proverbial drowned rat look like a stuffed woodchuck in a glass case. "Are you wet?" solemnly asked a friend. "Am I wet?", our hero snorted, "Listen pal, I'm so wet my pants are rising and falling with the tide".—PAUL S. FOSTER.

SMALL BORE AT MARIETTA

With apparent ease, Merle Israelson, who was a member of last year's Bisley International team, walked off with the grand aggregate of the fifth annual Fort Harmar small bore matches, leading his nearest rival, Dr. Russell Gardner of Troy, Ohio, by five points. Israelson, in private life an electrician at the great Goodyear Tire and Rubber plant in Akron, took first in one event, the any sight Dewar, and placed third in two others. His stellar performance in leading a field of more than 80 "hot-shots", many of whom have won places on most of the International teams that have fired at Camp Perry in recent years, showed clearly why he is today one of America's top rifle experts. In a sport where an individual rarely can dominate the entire field, Israelson stepped out to amass a grand total of 2761 for the eight matches considered in the event. His score topped Dave Bashline's winning total of last year by five points.

Another "record" fell this year when the famed "Golf Course Green" range was host to some 83 entrants, 11 more than showed up last August. This in the face of other tournaments reporting sharp decreases in attendance. Must be something about that range that brings them back. Perfect weather also brought out a record attendance of spectators. An estimated 1,000 persons were on hand to watch the line during the two days of firing, which would seem, in a measure at least, to refute the oft repeated theory that the target game is deficient in any form of spectator interest.

BUFFALO AND NIAGARA FRONTIER PISTOL MATCHES

James H. Overbaugh, former D. and H. R. R. police team anchorman, now shooting under the banner of the New York Conservation Department, and Francis M. O'Connor, Kansas City police officer, both of whom are rated among the nation's outstanding pistol shots, are back at their posts after winning a total of 25 awards at the Buffalo and Niagara Frontier Pistol matches, staged on the Camp Buffalo range near the northern New York city, August 12th and 13th. Their clean sweep of the 17 events programmed included four trophies and nine medals to Overbaugh, while O'Connor took thirteen medals.

The Pennsylvania Railroad's Golden Arrow team nosed out the New York Conservation Department four from Saranac for the Camp Perry course team shoot and took the Buffalo Evening News Trophy in the feature event of the two days of firing. Both groups scored 1052 with the Golden Arrows winning out in the tie.

These matches, jointly sponsored by the Buffalo and Niagara Frontier Railway Police Revolver Club and the Buffalo Evening News, drew a crowd of some 65 to the line in the largest of

the individual events. Entering their sixth year, the club officers already are laying plans for the 1939 meet, when they will bid on the strength of past performances for an even greater attendance.

MICHIGAN STATE SMALL BORE TOURNAMENT

With entirely efficient personnel operating the matches and a slightly lighter registration than was expected, the Michigan State Annual Small-bore Tournament, held at the Hickory Ridge Range near Detroit, August 6 and 7, was started and finished on schedule with a noticeable absence of complaints from the competitors. The credit for efficient range operation was due to Lieut. R. D. Boerem and his staff of Assistant Range Officers. The Statistical Office was handled in a very capable manner by Chief Statistical Officer Lieut. A. A. Holmes and his trained personnel, who were ably assisted by Mrs. R. D. Boerem.

With all of the matches finished and all scores completed, it became evident that Wilbur W. Miller from Saginaw and Ned Moor of Detroit had secured their share of hardware.

The Hickory Ridge Range has been recently reconstructed with fifty firing points and a new statistical office. With the setup and enthusiasm Michigan shooters have, they are sure to attract a great many other small-bore shooters from neighboring states.—HAROLD HEADLEY.

NON-REGISTERED EVENTS

PENNSYLVANIA—The New Brighton Rifle Club, chartered 25 years ago by the N. R. A., held its fifth Annual Open Tournament August 21, with more than half a hundred shooters from the Tri-State area in attendance. The weather was good and so were the scores. Cups and cash were the prizes.

Merle Israelson, Akron's gift to the Bisley Team, captured the Grand Aggregate with 1586, closely followed by William Patriquin of Ernest, Pa., who scored 1584. Cliff Bickerstaff, New Kensington, Pa., set the pace in the Iron Sight Dewar with 400, followed by Craig Rider, New Kensington, with 398. Bickerstaff continued his winning streak by taking the 50 meter event with the only 397, while Patriquin, Kennedy, Israelson and Don Matthews, Vandergrift, Pa., each followed with 396's. Ira Davis, Akron, outranked Bickerstaff in the 40-shot iron sight 100 yard match, each having 397. Israelson was third with 395, outranking Al Tarr, Verona, and John Straitiff, Vandergrift. Kennedy had a 10 x'er in this event but dropped six on the course.

Kennedy's 400-32x took the Any Sight Dewar, followed by Alex Webster, New Brighton, with 400-26x. The International Dewar, any sights, in which 50 meter and 100 yard International targets were framed, went to Franklin Thompson of Pittsburgh with 392, followed by Patriquin, 390; Kelley, 389; Hans Schmid, Callery, Pa., 388, and M. S. Henning, Coraopolis, Pa., 388.—S. G. KENNEDY.

NEW YORK—Poughkeepsie All Range Championships. With Eric Johnson breaking on top in the first match, even if it was only a reentry, the August 14th shoot at Poughkeepsie got off to a fast start with the best small bore talent in the East out for blood. The first single entry match, an All Range Championship (50, 100, 150, 175 and 200 yards), went to Harold Allyn, Springfield, Mass., shooter. New Haven's Dave Carlson popped up to take the 100-yard match, and as well ended top man in the aggregate. The 100-yard International event was Earl Bristol's, while R. D. Lambert piled up a total of 122 bulls to carry home the Swiss match. A final two-man team affair went to Lambert and J. Banks.

PENNSYLVANIA—The Chambersburg Pistol Club of Chambersburg, Pa., held its second annual Cumberland Valley Championships Sunday, August 7. Five matches constituted the day's events with thirty pistol shooters participating. The Chambersburg Club, having a small but active membership, stayed out of the matches in order to properly conduct things for the visitors.

The first match, a fifty yard individual slow fire event, was won by J. E. Rhoades of the Philadelphia Police, who scored 182. A twenty shot timed fire match also went to Rhoades on a 195 while Weiss of the Philadelphia police creedmored into second place with his 195. The third match, twenty shots rapid fire at twenty-five yards, went to G. M. Stewart of the Washington police with a 192, and second place to Jos. P. Corr of the Philadelphia Police with 190. The final event was the National Match Course and went to a well-known Washington, D. C. shooter, W. R. Walsh, with a score of 283.

The aggregate for the four matches went to Rhoades, with a total of 842. Second aggregate to William Weiss, another shooting Cop from "Philly," with a score of 835.

In the Four Man Team match the Washington Metropolitan Police got back at the Philadelphia Police for taking all three places in the aggregate when they captured first and second places and left the Philadelphia team in third place. Incidentally the Washington Metropolitan second team slipped one over on their first team by taking the trophy, a silver plaque, putting their "superiors" in second place.

The Cumberland Valley Championship promises to become an important pistol event and by next year the Chambersburg Club will have enough men trained in handling a match to get their own shooters in there and add to the pressure.—S. K. BREISE.

NEW YORK—Paced by a seventeen-year-old, the matches of the New York Edison rifle team were held at Greenwich, Connecticut, on August 7th, despite an ever-present threat of rain. The outstanding performance of the day was that of young Ralph Mezger, Ossining, N. Y., who scored a total of 499 with 29 X's for his fifty shot string at 100 yards, firing in the rain.

Stars of the "A" group were the brothers Tekulsky, who between them took four seconds and a first in the four event program. Bill Clougher, Norwalk, Connecticut, accounted for two of the other firsts, while a single top place went to Ken Smith of Waterbury, Conn. The Connecticut classification system was used and medals were given each class in each match.

OBITUARY

Alex Webster, 54, only Negro ever to gain prominence as a small bore shooter, died suddenly September 13, at his home in New Brighton, Pennsylvania. A Life Member of the National Rifle Association and Vice President of the New Brighton Rifle Club, Webster's death was the result of a sudden heart attack.

For many years he had been a popular attendant at small bore meets throughout the East, including Camp Perry, where this year he entered all of the events, fired as a member of the Pennsylvania team in the Caswell team match and was a coach in the Dewar. Newly bitten by the candid camera bug, he spent much of his time this September at the National Matches candid camera'ing everyone of note on the range and having the prints autographed, thus building up a gallery of notables which he did not live to enjoy.

A past commander of a Masonic lodge, Webster was buried with Masonic honors.—S. G. Kennedy.

Coming Events

ARIZONA

October 2: Arizona State Pistol Matches at Casa Grande, Arizona. Sponsored by the Arizona State Pistol Association. For programs write C. H. Hathaway, Box 71, Tucson, Arizona.

CALIFORNIA

October 2: Alameda Pistol and Revolver Matches at Alameda, California. Sponsored by the Alameda Police Revolver Club. For programs write Captain John M. Stroh, 2247 Central Avenue, Alameda, California.

***October 15-16:** Northern California Pistol Championships at San Francisco. Sponsored by San Francisco Traffic Police Club. For programs write E. J. Dutil, 324 16th Avenue, San Francisco, California.

***October 16:** Sacramento Valley Small Bore 100-Yard Championship Matches to be held at Sacramento, California. For programs write Ray Murphy, 300 10th Street, Sacramento, California.

October 23: Oakland Metropolitan Tournament at Oakland, California. For programs write Jos. Ternes, 838 19th St., Oakland, Calif.

***November 20:** San Francisco Traffic Revolver Club Monthly Match at San Francisco. Sponsored by the San Francisco Traffic Revolver Club. For programs write E. J. Dutil, 324 16th Avenue, San Francisco, California.

***December 18:** Southern Calif. Pistol League Match at Los Angeles. Sponsored by the Los Angeles Revolver League. For programs write Lt. J. A. Bartley, Police Headquarters, Los Angeles, Calif.

***December 18:** San Francisco Traffic Revolver Monthly Match at San Francisco. Sponsored by the San Francisco Traffic Revolver Club. For programs write E. J. Dutil, 324 16th Avenue, San Francisco, Calif.

DELAWARE

***October 2:** American Expert Course at Wilmington, Delaware. Sponsored by the Wilmington Marksman's Club. For programs write Franklin F. Palmer, Jr., 210 E. 16th Street, Wilmington, Del.

FLORIDA

October 16: Florida West Coast Small Bore Matches at Clearwater. For programs, write L. W. Abrams, 705 Prospect Ave., Clearwater, Florida.

GEORGIA

October 16: .30 Caliber Qualification Matches to be held on the Holton Range in Macon, Ga. Sponsored by the Georgia Rifle & Pistol Ass'n. For programs write G. M. Sweeney, 1183 Oak Street, S. W., Atlanta, Ga.

ILLINOIS

October 2: Decatur Pistol Matches at Decatur, Illinois. Sponsored by the Decatur Rifle & Pistol Club. For programs write Chris Kalapis, w10 Bachrach Building, Decatur, Illinois.

October 9: Illinois Small Bore Championship at Fort Sheridan, Illinois. For programs write Sherwin Murphy, 4821 Dorchester Avenue, Chicago, Illinois.

IOWA

***October 2:** Sixth Annual North Iowa Pistol Tournament at Mason City, Iowa. Sponsored by the Cerro Gordo Rifle Club, Inc. For programs write D. E. Wells, Box 262, Mason City, Iowa.

MASSACHUSETTS

October 12: Major James H. Keough, New England Off-Hand Championships at Reading, Massachusetts. Sponsored by the Reading Rifle & Revolver Club. For programs write M. G. Clemons, 62 Elm Street, Wakefield, Mass.

MISSOURI

October 9: The Annual Rifle and Pistol Matches to be held on the Military Country Club Range in Kansas City. Sponsored by the 110th Engineers, Missouri National Guard. For programs write F. W. Miller, 205 Argyle Bldg., Kansas City, Missouri.

October 15-16: 8th Annual Southwestern Missouri Outdoor Shooting Tournament at Monett, Missouri. For programs write Paul T. Holland, 814 Fifth St., Monett, Mo.

NEW MEXICO

November 27-December 4: Pioneer Pistol Match sponsored by the New Mexico Rifle & Pistol Ass'n. For programs write Burton L. Smith, Box 905, Santa Fe, New Mexico.

NEW YORK

October 9: 1st Annual Chicken Shoot sponsored by the Cypress Hill Rifle Club. To be held on the club range, 241 Crescent Street, Brooklyn, New York. For programs write Frederick H. Rouke, 241 Crescent St., Brooklyn, New York.

OHIO

***October 1-2:** Second Annual Outdoor Pistol Tournament at Akron, Ohio. Sponsored by the Summit County Pistol League. For programs write J. C. Kelsey, 133 Highpoint Avenue, Akron, Ohio.

***October 1-2:** Mead Second Annual Trophy Small Bore Rifle Matches to be held on the Mead range. Sponsored by Mead Rifle & Pistol Club. For programs write Roy Kern, 431 Laurel St., Chillicothe, Ohio.

OKLAHOMA

October 22-23: 13th Annual Oklahoma State Championship Small Bore Rifle Matches to be held on the Charles F. Barrett Range in Okmulgee, Oklahoma. Sponsored by the Oklahoma Rifle Association. For programs write Captain Elmer C. Croom, 814 South Creek Avenue, Okmulgee, Okla.

PENNSYLVANIA

October 1: 7th Annual Lehigh Valley Small Bore Fall Championship at Allentown, Pennsylvania. Sponsored by Bear Rock Rifle Teams. For programs write W. F. Gutekunst, 220 N. 9th Street, Allentown, Pennsylvania.

October 8-9: 1st Annual Small Bore Rifle Shoot to be held on the grounds of North East Airport in Philadelphia, Pennsylvania. Sponsored by the Philadelphia Civilian Target Club. For programs write Joseph L. Bayer, 1923 Independence St., Philadelphia, Pa.

VIRGINIA

October: Montgomery Rifle Club Tournament at Elliston, Virginia. For programs write D. M. Barnett, Elliston, Virginia.

WISCONSIN

October 2: Illinois-Wisconsin Inter-State Dewar Team Match at Racine, Wisconsin. For programs write Joseph J. Ring, 1842 N. 83rd St., Wauwatosa, Wisconsin.

October 9: Big Bore Matches to be held at Fond Du Lac, Wisconsin. Sponsored by the Fond Du Lac Rifle and Pistol Club.

* Indicates Registered Tournaments.

STOLEN GUNS

.30 U. S. Gov., 1,254,501, Howe-Whelan sight; Winchester pump shotgun, 12 gauge, No. 11. Notify Lloyd Colburn, 1012 Kassler St., Longview, Washington.

Stolen August 17th, from Robert R. Hall, 566 43rd Ave., San Francisco, California: Springfield Service rifle, type C stock, 1,400,113; Springfield custom built sporter, .30-'06, 1,215,730; Winchester-Enfield, 20" barrel, Mannlicher stock, 189,829; Sedgley-Springfield .25 Roberts, de-luxe custom stock, 1,322,928; Mauser Esplanol, Lowe, Berlin, 7mm., Mannlicher stock, F9923; M69 Winchester, Weaver 295 scope, Mannlicher stock, custom built trigger-guard, no serial; Naval Gun Factory binoculars, EE 204,725; 34" regulation officer's U. S. saber; Lemaire opera glasses. A reward is offered for apprehension of the party involved.

.45 caliber Colt Auto Pistol, Model 1911, No. 700282. Notify G. W. Showalter, 138 Best Street, Dayton, Ohio.

N. R. A. Small Bore Rifle Matches

NOTE: The Dewar Course consists of 20 shots at 50 yards and 20 shots at 100 yards.

Official Bulletin No. 10

50-Yard Any Sights Restricted Class Match

160 Entries

Course—40 shots at 50 yards, prone.

MEDAL WINNERS

Name	Score
Page, Dale H.	400-28X
Mehaffie, Earl D.	400-28X
Thompson, Wm. R.	400-27X
Berner, Robert	400-22X
Johnson, Richard C.	399-29X
Frizzell, Edw. R.	399-28X
Wessels, Carmen	399-26X
Pillow, Arthur	399-24X
Brown, C. G.	399-23X
Frey, D. C.	398-33X

Official Bulletin No. 11

50-Yard Any Sights All Comers' Match

236 Entries

Course—40 shots at 50 yards, prone.

MEDAL WINNERS

Name	Score
Moore, Sam T.	400-29X
Lacy, Jim	400-29X
Randle, Thurman	400-28X
Kennedy, W. C.	400-28X
Holm, T. J.	400-25X
Hamby, Charles G.	400-23X
Lausten, Robert	400-20X
Jacobs, Homer H.	400-20X
Lippencott, J. C.	399-33X
Schweitzer, Wm. P.	399-31X

Official Bulletin No. 12

100-Yards Any Sights Restricted Class Match

180 Entries

Course—40 shots at 100 yards, prone, any sights.

MEDAL WINNERS

Name	Score
Berner, Robert	399-19X
Putnam, Byron E.	396-24X
Dwyer, B. G.	396-18X
Bromley, Wm. P.	396-15X
Patch, Wm. H.	395-26X
Thompson, Wm. R.	395-20X
Mathews, Don R.	395-20X
Scott, L. M.	395-19X
Airey, Leonard D.	395-17X
Fairfield, H. W.	395-17X

Official Bulletin No. 13

100-Yard Any Sights All Comers' Match

248 Entries

Course—40 shots at 100 yards, prone, any sights.

MEDAL WINNERS

Name	Score
Recker, Kenneth	400-27X
Rutbell, Clarence	399-26X
Freeland, Al.	399-16X
Randle, Thurman	398-23X
Patriquin, William	398-22X
Brown, Edwards	398-22X
Oswald, Floyd T.	398-21X
Triggs, R. D.	398-20X
Sumnerall, W. J.	398-18X
Grosskopf, Mrs. M. R.	397-27X

Official Bulletin No. 14

Preliminary Dewar Course Match

551 Entries

Course—The Dewar Course. Metallic sights.

MEDAL WINNERS

Name	50 Yds.	100 Yds.	Total
Hamby, Charles G.	200	200	400-31X
Petri, Carl	200	200	400-28X
Woodring, Wm. B.	200	200	400-26X
Berkheiser, R. D.	200	200	400-26X
Rider, C. F.	200	200	400-26X
Lacy, Jim	200	200	400-24X
Archer, F. P.	200	200	400-24X
Hoppe, Frank C.	200	199	399-29X
Israelson, Merle	200	199	399-28X
Allyn, Harold D.	200	199	399-27X
Chidsey, F. A. Jr.	200	199	399-26X

(High Junior)

Official Bulletin No. 15

Preliminary R. W. S. Match

400 Entries

Course—40 shots at 50 meters, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Hamer, Vere F.	400
Sayers, Wm. A.	399
Hamley, E. C. Jr.	399
Johnson, Eric	399
Carlson, Dave	398
Triggs, Ransford	398
Wark, J. A.	398
Cooper, G. G.	398
Easte, Marion	398
Bickerstaff, Clifford	398

Official Bulletin No. 23

Western Trophy Match

368 Entries

Course—The Dewar Course, any sights.

MEDAL WINNERS

Name	Score
Allyn, H. D.	400-32X
Kennedy, S. G.	400-31X
Braendle, G.	400-31X
Randle, Thurman	400-31X
Chidsey, F. A. Jr.	400-29X
(High Junior)	
Tilley, C. W.	400-29X
Smith, Aaron R.	400-27X
Johnson, Eric	400-27X
Dochstader, E. A.	400-27X
Brown, Edwards	400-26X

Official Bulletin No. 24

Winchester Trophy Match

295 Entries

Course—3 sighting shots and 20 shots at 200 yards, prone, any sights.

MEDAL WINNERS

Name	Score
Galloway, Homer	190-8X
Spencer, F. L.	198-12X
Gertler, Dr. W. V.	198-10X
Moor, E. N.	198-7X
Hassall, Thos. R.	198-7X
Eberman, Gus	197-8X
Aker, L. P.	197-7X
Conrad, C. W.	197-7X
Wohleber, O. J.	196-9X
Mote, Wm. F.	196-7X

Official Bulletin No. 25

Life Members' Any Sights Match

107 Entries

Course—The Dewar Course, Any Sights. (Expert Targets.)

MEDAL WINNERS

Name	50 Yds.	100 Yds.	Score
Hamley, Eugene C.	195	193	388
Hoppe, Frank C.	194	193	387
Franz, Arvel O.	195	192	387
Jacobs, Homer H.	197	190	387
Pope, Lester A.	193	193	386

Official Bulletin No. 26

The Medalist's Any Sights Match

137 Entries

Course—The Dewar Course. Any Sights (Expert Targets.)

MEDAL WINNERS

Name	50 Yds.	100 Yds.	Score
Grosskopf, M. R.	196	197	393
Hennings, M. S.	195	196	391
Eberman, Gus	195	196	391
Woodring, W. B.	196	195	391
Jensen, Max	197	194	391

Official Bulletin No. 35

U. S. Cartridge Trophy Match

461 Entries

Course—The Dewar Course, Metallic Sights.

MEDAL WINNERS

Name	50 Yds.	100 Yds.	Score
Woodring, Wm. B.	200	200	400-30X
Schweitzer, Wm. P.	200	200	400-29X
Hamby, Chas. G.	200	200	400-28X
Comstock, Hilliard	200	200	400-25X
Lear, Samuel C.	200	200	400-23X
Moor, E. N.	200	199	399-31X
Trowbridge, Don	199	200	399-29X
Brown, Edwards	199	200	399-29X
Recker, Kenneth	200	199	399-29X
Bongardner, G. Paul	200	199	399-27X
Woodring, Mrs. Kay	200	199	399-27X

(High Woman)

Official Bulletin No. 36

Austin Trophy Match

316 Entries

Course—40 shots at 50 meters, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Menzen, Erwin	400
Brophy, Wm. S. Jr.	399
Sumnerall, W. J.	399
Oakey, Walter, Jr.	399
Bickerstaff, C. A.	399
Wark, J. R.	398
Allyn, H. D.	398
Pope, L. A.	398
Conrad, Charles W.	398
Hamley, E. C. Jr.	398

Official Bulletin No. 37

Life Members' Dewar Course Match

99 Entries

Course—The Dewar Course. Metallic Sights.

Name	50 Yds.	100 Yds.	Score
Grosskopf, M. R.	200	200	400-31X
Israelson, Merle	200	199	399-23X
Williamson, E. H.	199	200	399-22X
Conrad, C. W.	200	198	398-28X
Patriquin, Wm.	199	199	398-22X

Official Bulletin No. 38

The Medalist's Dewar Course Match

132 Entries

Course—The Dewar Course. Metallic Sights. (Expert Targets.)

MEDAL WINNERS

Name	50 Yds.	100 Yds.	Score
Jackson, Carl L.	198	190	388
Padie, Ernest	195	192	387
Triggs, R. D.	199	188	387
Holm, T. J.	193	193	386
Frank, Carl	196	189	385

Official Bulletin No. 45

Hercules Trophy Doubles Match

105 Entries

Course—Three sighting shots and twenty shots per man at 200 yards, prone. Any sights.

MEDAL WINNERS

Name	Score
Tarr, A.	191
Easte, M. L.	197-388
Miller, J. O.	192
Pope, L. A.	195-387
Breuler, Bill	194
Doyle, E.	193-387
Woodworth, C. L.	190
Jacoby, D. E.	193-383
Miller, J. G. K.	196
Miller, Charles	184-380

Official Bulletin No. 46

Swiss "Miss and Out" Match

187 Entries

Course—3 Sighting shots. Unlimited record shots at 200 yards, prone. Metallic sights. The competitor will continue firing so long as his hits are in the "9" or "10" ring of the target.

MEDAL WINNERS

Name	Score
Hamley, E. C.	53
Miner, R. V.	45
Jacobs, H. H.	40
Huff, Eugene O.	32
Converse, Ray	23

Official Bulletin No. 47

50-Yard Metallic Sights Restricted Class Match

153 Entries

Course—40 shots at 50 yards, prone.

MEDAL WINNERS

Name	Score
Warner, S. G.	400-35X
Putnam, Byron E.	400-25X
McCubbin, James F.	399-29X
Saunders, Earl M.	399-27X
Johnson, Richard C.	399-26X
(High Junior)	
Hagg, Iver	399-25X
Dodge, Myra	399-24X
Mathews, Don R.	399-21X
Vestergaard, A. L.	399-21X
Huff, Eugene O.	398-27X

Official Bulletin No. 48

50-Yard Metallic Sights All Comers' Match

226 Entries

Course—40 shots at 50 yards, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Woodring, W. B.	400-37X
Johansen, Fred.	400-35X
Rider, C. F.	400-34X
Donaldson, W. C.	400-32X
Brown, Edwards	400-31X
Menzen, Erwin	400-30X
Brown, R. S.	400-31X
Nurse, H. E.	400-30X
Blesinger, Arthur	400-29X
Deere, Chine	400-28X

Official Bulletin No. 58

Peters Trophy Match

223 Entries

Course—3 sighting shots and 20 shots at 200 yards, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Stevenson, J. H.	194-6X
Agnew, Paul, Jr.	194-4X
Recker, K.	193-6X
Pope, R. C.	193-5X
Crockett, O. E.	193-4X
Rowell, G. B.	193-3X
Waters, E. K.	193-2X
Summerall, W. J.	192-7X
Schwitzer, Wm. P.	191-4X
Bales, Basil E.	191-3X

Official Bulletin No. 59

Randle Trophy Doubles Match

123 Entries

Course—20 shots per man at 50 meters, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Wark, John R.	199
Brophy, W. S., Jr.	199-398
Moore, Sam T.	198
Warner, Selden G.	200-398
Pope, L. A.	200
Miller, John O.	197-397
Louden, Ray E.	197
Patriquin, William	199-396
Reston, Rodney	199
Polk, Jack	197-396

Official Bulletin No. 60

Lyman Trophy Doubles Match

196 Entries

Course—The Dewar Course. Metallic sights.

MEDAL WINNERS

Name	Score
Triggs, R. D.	399
Kennedy, W. C.	398-797
Kenyon, Willis	397
Holm, T. J.	397-794
Pope, R. C.	397
Randle, Thurman	396-793
Woodring, Wm. B.	396
Brown, Edwards	397-793
MacMullen, A. B.	395
Kennedy, Samuel	398-793

Official Bulletin No. 61

American Legion Small Bore Match

52 Entries

Course—20 shots at 50 meters, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Pope, L. A.	199-199
Yearsley, A. J.	199-193
Massie, Vic	199-191
Nebinger, Reid	198
Miller, John O.	198
Berkheiser, R. D.	198
West, F. D.	198
Berlin, C. H.	198
Putnam, Byron E.	197
Barr, John D.	197

Official Bulletin No. 72

Remington Trophy Match

283 Entries

Course—40 shots at 50 yards, prone. Any sights.

MEDAL WINNERS

Name	Score
Woodring, Wm. B.	399
Randle, Thurman	399
Schwitzer, Wm. P.	398
Spencer, Fred L.	398
Patch, Wm. H.	398
Bomgardner, G. P.	398
Westfall, Claude	398
Lippencott, J. C.	398
Heins, Melvin M.	397
Bickerstaff, C. A.	397

Official Bulletin No. 73

Critchfield Trophy Small-Bore Aggregate Match

161 Entries

Conditions—The aggregate of the scores in the following matches will constitute the score for this match: Western Trophy Match, U. S. Cartridge Trophy Match, Austin Trophy Match and Remington Trophy Match.

MEDAL WINNERS

Name	Score
Woodring, Wm. B.	1593
Bomgardner, Paul G.	1593
Moore, E. N.	1590
Randle, Thurman	1590
Triggs, R. D.	1589
Hamley, E. C., Jr.	1589
Schwitzer, Wm. P.	1589
Hamby, Charles G.	1588
Summerall, W. J.	1588
Pope, R. C.	1588

Official Bulletin No. 74

The Pope Match

89 Entries

Course—20 shots at 50 meters, standing (N.R.A. standing position). Any sights. Small Bore Free Rifle.

MEDAL WINNERS

Name	Score
Edwards, Stuart	180
Blesinger, A.	179
Nordhus, C.	176
Westergard, Chris T.	175
Schwitzer, Wm. P.	174
Johnson, Eric	174
Lippencott, J. C.	171
Woodring, Wm. B.	170
Siedel, George	168
High, Roy V.	168

Official Bulletin No. 75

50-Meter Any Sights Doubles Match

99 Entries

Course—20 shots per man at 50 meters, prone. Any sights.

MEDAL WINNERS

Name	Score
Triggs, R. D.	200
Lippencott, J. C.	200-400-397
Kobler, M. L.	200
Freeland, Al	200-400-395
Hamby, C. G.	200
Johnson, Eric	199-399
Carlson, Dave	200
Schwitzer, Wm. P.	198-398
Woodring, Mrs. Kay	200
Franz, Arvel O.	198-398

Official Bulletin No. 80

100-Yard Metallic Sights Restricted Class

117 Entries

Course—40 shots at 100 yards, prone. Metallic sights.

MEDAL WINNERS

Name	Score
Putnam, Byron A.	397
Patch, Wm. H.	396
(High Junior)	
Huff, E. O.	396
Travers, L. J.	396
Thompson, R. J.	395

Name

Score

Conlee, James	395
Croup, C. D.	394
Westergaard, August L.	394
Harris, E. W.	394
McWhitney, Roy M.	394

Official Bulletin No. 81

100-Yard Metallic Sights All Comers' Match

148 Entries

Course—40 shots at 100 yards, prone. Metallic sights. (Expert targets.)

MEDAL WINNERS

Name	Score
Stratton, T. K.	386
Triggs, R. D.	381
Russell, Frank E.	381
Lippencott, J. C.	381
Schwitzer, William P.	380
Trowbridge, Wilbur B.	380
Bond, Sam	378
Putnam, Byron E.	378
Powell, Harold D.	378

Official Bulletin No. 82

"400" Club Members' Trophy Match

23 Entries

Course—The Dewar Course. Metallic sights.

TROPHY WINNER

Name	50 Yds.	100 Yds.	Score
Hamby, Charles G.	200	198	398-25X

Official Bulletin No. 83

Caswell Trophy Team Match (Small Bore)

24 Entries

Course—The Dewar Course. Metallic Sights.

MEDAL WINNERS

Name	Score
New Jersey No. 1:	
High, Roy V.	399
Kennedy, W. C.	400
Triggs, R. D.	397
Lippencott, J. C.	400
Schwitzer, Wm. P.	400
Johnson, Richard C.	395
Illinois No. 1	2383
Pennsylvania Civilian No. 1	2383

Official Bulletin No. 86

Dewar International Small Bore Team Match

The United States Team Scores

Course—Dewar.

Name	Coach	Score
Dave Carlson	Jas. E. Lacy	400
R. D. Triggs	W. C. Kennedy	400
Eric Johnson	E. J. Doyle	400
Kenneth Recker	H. H. Jacobs	400
R. D. Berkheiser	Fred Clemens	399
George Braendle	G. J. Claus	399
W. P. Schwitzer	R. High	399
Ernest Pade	W. O. Breuler	399
J. C. Lippencott	Francis Chidsey	399
J. R. Wark	W. S. Brophy, Jr.	398
Vere Hamer	Tom Imler	398
W. B. Woodring	Kay Woodring	398
L. A. Pope	Vic Massie	397
R. C. Pope	Thurman Randle	397
Dr. Russell Gardner	A. J. Yearsley	397
Merle Israelson	A. L. Darkow	397
E. C. Hamley, Jr.	J. O. Miller	396
W. J. Summerall	C. L. Woodworth	395
Willis Kenyon	D. E. Jacoby	395
F. C. Hoppe	L. D. Schober	390

United States Total	7953
England Total	7900
Others Not Reported.	
Captain—George Cooper	
Adjutant—Cortez Souter	
Coach—E. N. Moor	
Alternates—E. H. Pierce, Sam Kennedy, Ed Brown, G. Paul Bomgardner, V. E. Wood	

Results of other International Matches on page 60.

N. R. A. .30 Caliber Rifle Matches

Official Bulletin No. 3

Members' Trophy Match

1944 Entries

Course—10 shots at 600 yards, prone. Service rifle.

MEDAL WINNERS

Name and Organization	Score
Huntington, Robert H., Cpl. Inf.	50 (9V's)
Linfoot, William D., Sgt. U. S. M. C.	50 (9V's)
Chandler, Walter L., Pic. Inf.	50 (8V's)
Morgan, Henry G., Sgt. Cav.	50 (7V's)
Hankins, Joseph F., Capt. U.S.M.C. Res.	50 (6V's)
Armour, Charles W. L., Ark. Civ.	50 (6V's)
Parke, Russel, Cal. N. G.	50 (6V's)
Lowe, Oddis L., Sgt. Inf.	50 (6V's)
Blackley, John, Mgy. Sgt. U. S. M. C.	50 (6V's)
Sappington, Merrill H., 4 C. A. R. O. T. C.	50 (5V's)

Official Bulletin No. 4

Navy Cup Match

1991 Entries

Course—20 shots at 200 yards, slow fire, army standing. Service rifle.

MEDAL WINNERS

Name and Organization	Score
Baker, Willard L., Cpl. Inf.	98
Giacobbe, Wadie, Cpl. Inf.	96
Blankenship, John, Okla. Civ.	95
Banker, Russell A., R. M. I. C. U. S. C. G.	95
Shaffer, Xenophon B., Capt. Vet. Res.	95
Swanson, Emmet O., 1st Lt. U. S. M. C. R.	95
Alden, Sam E., Pic. Eng.	95
Walsh, Walter R., 1st Lt. U. S. M. C. R.	95
Watson, Harvey P., Cpl. Cav.	95
Mendoza, Luis H., Capt. P. R. N. G.	95

Official Bulletin No. 5

Crowell Trophy Match

1670 Entries

Course—10 shots at 600 yards, prone. Any rifle. Sights—metallic.

MEDAL WINNERS

Name and Organization	Score
Wagner, Hansford H., Sgt. Inf.	50 (13V's)
Phinney, Waldo A., Sgt. U. S. M. C.	50 (9V's)
Brown, Victor F., Sgt. U. S. M. C.	50 (9V's)
Metzger, Philip C., 2nd Lt. U. S. M. C.	50 (8V's)
Weissenberger, G. J., 2nd Lt. U. S. M. C.	50 (8V's)
Howard, Oscar F., Sgt. Cav.	50 (8V's)
Harris, H. L., Jr., Pic. Va. N. G.	50 (8V's)
Seeser, Edward, Plt. Sgt. U. S. M. C.	50 (7V's)
Holland, Malcolm J., Cpl. U. S. M. C.	50 (7V's)
Leigh, Albert H., N. J. Civ.	50 (7V's)

Official Bulletin No. 16

Marine Corps Cup Match

1895 Entries

Course—10 shots at each range 600 and 1000 yards, prone. Service rifle.

MEDAL WINNERS

Name and Organization	Score
Jenkins, Lloyd P., Sgt. Inf.	100 (12V's)
Masie, Victor L., Am. L. Tm. White	100 (10V's)
Fraser, James G., 1st Lt. U. S. M. C.	100 (10V's)
File, Hue B., Cpl. Inf.	100 (9V's)
Oderman, Leonard A., Sgt. U. S. M. C.	99 (16V's)
Kravitz, Valentine J., Sgt. U. S. M. C.	99 (13V's)
Davis, Frank R., Sgt. Inf.	99 (13V's)
Swanson, Emmet O., 1st Lt. U.S.M.C.R.	99 (13V's)
Jones, Thomas J., Mgy. Sgt. U. S. M. C.	99 (9V's)
Davidson, William W., Capt. U. S. M. C.	99 (9V's)

Official Bulletin No. 17

Coast Guard Trophy Match

1847 Entries

Course—10 shots rapid fire kneeling or sitting (either Army or N. R. A., sitting position permitted) from standing, 200 yards; 10 shots rapid fire prone from standing, 300 yards. Service rifle.

MEDAL WINNERS

Name and Organization	Score
Tucker, James R., Gy. Sgt. U. S. M. C.	99
Moore, Floyd E., Sgt. U. S. M. C.	99
Parish, Lawrence W., R. M. I. C., U. S. C. G.	99
Loyd, Frank R., Capt. Inf.	99
McDougal, Douglas C., Jr., 1st Lt. U.S.M.C.R.	99
Palmer, Raymond D., Capt. Cav.	99
Goodwin, Kenneth R., Surinman U. S. C. G.	99
Davidson, William W., Capt. U. S. M. C.	99
Swanson, Emmet O., 1st Lt. U. S. M. C. R.	98
Brown, Victor F., Sgt. U. S. M. C.	98

Official Bulletin No. 27

Leech Cup Match

1738 Entries

Course—7 shots at each range, 800, 900, and 1000 yards, prone. Any military rifle. (Two or more competitors may use the same rifle.)

MEDAL WINNERS

Name and Organization	Score
Giacobe, Wadie, Cpl. Inf.	105 (14V's)
Barrior, Thurman E., Sgt. U. S. M. C.	105 (14V's)
Kaiser, Maurice E., 1st Lt. Inf.	105 (12V's)
Woli, Robert, Individual	105 (8V's)
Bakutis, Walter S., Lt. (J.G.) U.S.C.G.	105 (8V's)
Tuston, Harmon W., Pic. Cav.	105 (7V's)
Oderman, Leonard A., Sgt. U. S. M. C.	104 (13V's)
Swanson, Emmet O., 1st Lt. U.S.M.C.R.	104 (13V's)
Parish, Lawrence W., R.M.I.C., U.S.C.G.	104 (12V's)
Davis, Frank R., Sgt. Inf.	104 (12V's)

Official Bulletin No. 28

Camp Perry Instructor's Trophy Match

1118 Entries

Course—10 shots surprise fire, 200 yards standing. Target B. (V's will be scored.) Any rifle. (Two or more competitors may fire the same rifle.)

MEDAL WINNERS

Name and Organization	Score
Norman, John A., Ga. Civ.	50 (7V's)
Scott, Robert G., Cpl. Eng.	50 (5V's)
Harris, Claude N., Plt. Sgt. U. S. M. C.	50 (3V's)
Johnson, Ewing C., 1st Lt. Cav.	50 (2V's)
Moore, Floyd E., Sgt. U. S. M. C.	49 (7V's)
Wilson, Melvon O., G. M. I. C., U. S. C. G.	49 (6V's)
Nordhus, C. E., Individual	49 (5V's)
Berish, John J., Sgt. Eng.	49 (4V's)
White, Robert J., Cpl. Ohio N. G.	49 (4V's)
Hamilton, Edwin L., 2nd Lt. U. S. M. C.	49 (4V's)

Official Bulletin No. 29

Civilian Club Members' Trophy Match

667 Entries

Course—10 shots slow fire army standing and 10 shots rapid fire kneeling or sitting from standing, at 200 yards. Any rifle. (Two or more competitors may fire the same rifle.)

MEDAL WINNERS

Name and Organization	Score
Dixon, Edward W., Cal. Civ.	97
Comstock, Hilliard, Cal. Civ.	97
Harper, Twyman C., Nev. Civ.	97
Sigler, Charles A., Cal. Civ.	97
Harrington, Ed. N., Met. Civ.	96
Eaton, Robert N., Jr., Ore. Civ.	96
Jacobsen, George L., Ore. Civ.	96
Evans, Rufus, Ga. Civ.	95
Field, Frederick E., Individual	95
Boyer, William S., Idaho Civ.	95

Official Bulletin No. 39

Wimbledon Cup Match

1888 Entries

Course—2 sighting shots and 20 shots at 1,000 yards, prone. Sighters must be taken and scored within the regular 30 minute time limit. Free rifle. (Two or more competitors may fire the same rifle.)

MEDAL WINNERS

Name and Organization	Score
Kravitz, Valentine J., Sgt. U. S. M. C.	100 (19V's)
Vincent, Charles H., Mich. Civ.	100 (18V's)
Kaiser, Maurice E., 1st Lt. Inf.	100 (18V's)
Harris, Claude N., Plt. Sgt. U. S. M. C.	100 (18V's)
Otis, William H., Ill. Civ.	100 (18V's)
Castle, Noel O., 2nd Lt. U. S. M. C.	100 (17V's)
Phinney, Waldo A., Sgt. U. S. M. C.	100 (16V's)
Mason, Charles, Sgt. N. Y. N. G.	100 (16V's)
Doyle, Edgar J., Conn. Civ.	100 (16V's)
Gothard, William H., Sgt. Inf.	100 (16V's)

Official Bulletin No. 41

Dupont Trophy All-Around Match

47 Entries

Conditions—The aggregate of the score in the following matches comprise the score in this event: Coast Guard Trophy Match, Navy Cup Match, Wimbledon Cup Match, Marine Corps Cup Match, The Preliminary Dewar Course Match (Small Bore) and the Clarke Memorial Trophy Match (Pistol).

MEDAL WINNERS

Name and Organization	Score
Wilson, Melvon O., G. M. I. C., U. S. C. G.	1054
Evans, Burr A., Sgt. N. Y. N. G.	1046
Loyd, Frank R., Capt. Inf.	1045
Walsh, Walter R., 1st Lt. U. S. M. C. Res.	1044
Adams, Henry J., Jr., 1st Lt. U. S. M. C. Res.	1041
Herron, James R., 2nd Lt. N. Y. N. G.	1041
Swanson, Emmet O., 1st Lt. U. S. M. C. Res.	1033
Benko, Arthur, Arizona Civ.	1033
Goulden, Paul, C. B. M. U. S. C. G.	1026
Nordhus, C. E., Individual (Ind.)	1025

Official Bulletin No. 49

The President's Match

1971 Entries

Course—10 shots at each range, 200 yards slow fire, army standing; 600 yards, prone; 1,000 yards, prone. Service rifle.

TROPHY WINNERS

Name and Organization	Trophy
Seeser, Edward V., Plt. Sgt. U. S. M. C.	Appreciation Cup
(High U. S. Marine); Match Winner	
Palmer, Raymond D., Capt. Cav.	Cavalry Cup
(High U. S. Cavalryman)	
Naimy, Jerry A., 1st Lt. O. R. C.	Farnsworth Medal
(High Infantryman)	
Peterson, Elis, C. G. M. U. S. Fleet Res.	Crescent Club
(High U. S. Navy)	
Love, Milton A., C. A., R. O. T. C.	Trophy Scabbard and Blade
(High R. O. T. C.)	
Barnes, Thomas R., Calif. Civ.	Trophy
(High Civilian)	
Hardy, David P., Lt. Col. Calif. N. G.	Coast Artillery Cup
(High Coast Artilleryman)	
Raack, Paul A., Sgt. Eng.	Society of Military Eng.
(High U. S. Engineer)	
Ho, Albert K. T., Sgt. Hawaii N. G.	Nat. Guard Assn.
(High National Guardsman)	
Naimy, Jerry A., 1st Lt. O. R. C.	Trophy Res. Officers' Assn. of the U.S.
(High O. R. C.)	
Banker, Russell A., R.M.I.C., U.S.C.G.	Coast Guard Trophy
(High U. S. Coast Guard)	

Official Bulletin No. 50

The President's Hundred

Name and Organization

Score

Seeser, Edward V., Plt. Sgt. U. S. M. C.	146
Barrior, Thurman E., Sgt. U. S. M. C.	146
Naimy, Jerry A., 1st Lt. O. R. C.	146
Banker, Russell A., R. M. I. C., U. S. C. G.	145
Gallman, Oscar L., Sgt. Inf.	145
Oderman, Leonard A., Sgt. U. S. M. C.	145
Barnes, Thomas R., Calif. Civ.	145
Coffey, Walden B., 1st Lt. Inf.	145
Palmer, Raymond D., Capt. Cav.	144
Berry, Kearie L., Maj. Inf.	144
Hamilton, Edwin L., 2nd Lt. U. S. M. C.	144
Blazejevski, Stanley, Sgt. Cav.	144
Weissenberger, Gregory J., 2nd Lt. U.S.M.C.	144
Grider, Rosco R., Sgt. Cav.	144
Gentry, John E., Sgt. Cav.	144
Giacobbe, Wadie, Cpl. Inf.	144
Harris, Claude N., Plt. Sgt. U. S. M. C.	144
Castle, Noel O., 2nd Lt. U. S. M. C.	144
Jones, John G., Sgt. U. S. M. C. Res.	143
Alligood, James O., C. B. M. U. S. C. G.	143
Fraser, James G., 1st Lt. U. S. M. C.	143
Devine, Walter L., Cpl. U. S. M. C.	143
Markle, Norman K., Jr., 1st Lt. Cav.	143
Stellmacher, Ted R., 8th Ca. C. M. T. C.	143
Upshaw, Gairie M., Individual	143
Conklin, Frank M., Sgt. Inf.	143
Holz, Edgar W., 1st Sgt. Cav.	143
Lowe, Oddis L., Sgt. Inf.	143
Alofs, Cary, Pvt. U. S. M. C.	143
Hamel, William B., Sgt. Inf.	143
Douget, Willis J., Sgt. Inf.	142
Kitterman, John W., Sgt. Cav.	142
Schwab, Emmanuel, Calif. Civ.	142
Kellerman, Alex F., Sgt. Cav.	142
Loyd, Frank R., Capt. Inf.	142
Jansen, Virgil W. B., R. M. 2C., U. S. C. G.	142
Woodring, William B., 2nd Lt. O.R.C. Res. Ind.	142
Dawson, Leo, Sgt. Inf.	142
Beckert, Frederick W., Jr., Lt. 372 F. A. Ind.	142
Berrien, Troy, Sgt. Inf.	142
Bakutis, Walter S., Lt. J. G., U. S. C. G.	142
Chaney, Raymond D., Sgt. U. S. M. C.	142
Leach, Cleo J., Sgt. Cav.	142
Daves, Jack V., Conn. Civ.	142
Ho, Albert K. T., Sgt. Hawaii N. G.	142
Moore, Jack, Texas Civ.	142
Kielchski, Fred, Alaska Civ.	142
Chandler, Walter L., Pic. Inf.	141
Schlegel, Glenn C., Individual	141
Yeserski, Edward, Sgt. Cav.	141
Davis, Lester B., Cpl. Cav.	141
Davidson, William W., Capt. Individual	141
Holland, Malcolm J., Cpl. U. S. M. C.	141
Bartinkaitis, Francis, Cpl. Cav.	141
Livinston, William, Me. Civ.	141
Shaw, Samuel R., 1st Lt. U. S. M. C.	141
Love, Milton A., 4th C. A., R. O. T. C.	141
Davis, Lester B., Cpl. Cav.	141
Harker, Kenneth F., Plt. Sgt. U. S. M. C.	141
Christensen, Holger, Sgt. Cav.	141
Olson, Erick A., Colo. Civ.	141
Linfoot, William D., Sgt. U. S. M. C.	141
McCormick, William J., Sgt. Cav.	141
Patterson, John H., Cpl. Inf.	141
Raack, Paul A., St. Sgt. Eng.	141
Nordhus, C. E., Individual	141
Blackley, John, M. Gy. Sgt. U. S. M. C.	141
Nash, James V., Sgt. Cav.	141

47

The National Rifle Team Match

Official Bulletin No. 98

Open to—Teams consisting of a team captain, team coach, ten firers, and two alternates from the following:

a. Service Teams:

- (1) Regular Army, from the several arms, 1 each.
- (2) United States Navy, 1.
- (3) United States Marine Corps, 1.
- (4) United States Coast Guard, 1.

b. National Guard and Reserve Teams:

- (1) Federally recognized National Guard of the several States and Territories, including the District of Columbia, 1 each.
- (2) Federally recognized Naval Militia of the several States and Territories, including the District of Columbia, 1 team.
- (3) Naval Reserve, 1 team as designated by the Navy Department.
- (4) Marine Corps Reserve, not more than 2 teams as designated by the Navy Department.
- (5) Organized Reserves, 1.

c. Civilian Teams:

- (1) One civilian team from each of the several States and Territories, including the District of Columbia, to be selected by competition.
- (2) Reserve Officers' Training Corps, 1 from each Corps Area.
- (3) Citizens' Military Training Camps, 1 from each Corps Area.
- (4) American Legion, 3 teams.

Course—First stage: Slow fire, 200 yards—target "A". Ten shots standing. Time limit, 1 minute per shot. No sighting shots. Second stage: Rapid fire, 200 yards—target "A". Ten shots. Kneeling or sitting, from standing. Time limit, 1 minute. Battle or leaf sight may be used. Third stage: Rapid fire, 300 yards—target "A". Ten shots. Prone from standing. Time limit, 1 minute ten seconds. Battle or leaf sight may be used. Fourth stage: Slow fire, 600 yards—target "B". Ten shots. Prone. No sighting shots. No artificial rest. Time limit, 1 minute per shot. Fifth stage: Slow fire, 1000 yards—target "C". Twenty shots. Prone. No sighting shots. No artificial rest. Time limit, 1½ minutes per shot.

TROPHY WINNERS

National, U. S. Infantry Team	2792
Hilton, Maryland National Guard	2693
Soldier of Marathon, California Civilian Team	2741
Minuteman, 9th Corps Area C. M. T. C.	2667
Rattlesnake, U. S. Marine Corps Res. Team No. 1	2731
Pershing and Gold Medal, Rudolph Jones, S. E. A. 1C., U. S. C. G.	287

Class A Teams

INFANTRY TEAM

Easley, C. M. Major Infantry (Capt.)									
Gothard, William H., Sgt. Inf. (Coach)									
	200	200	300	600	1000				
	S	R	R	S	S	Total			
Throckmorton, John L., 1st Lt.	44	48	47	49	96	284			
Davis, Frank R., Sgt.	45	49	46	44	97	281			
Dawson, Leo, Sgt.	44	48	48	49	92	281			
Strother, Willie A., Corp.	46	49	47	46	92	280			
Jenkins, Lloyd P., Sgt.	47	50	49	45	91	282			
Paterson, John H., Corp.	44	47	47	46	90	274			
Palmer, Frank, St. Sgt.	44	49	47	46	89	275			
Doucet, Wills J., Sgt.	45	49	48	48	89	279			
Lloyd, Frank R., Capt.	45	47	49	50	91	282			
Culver, Charles H., Sgt.	45	48	48	47	86	274			
	449	484	476	470	913	2792			

Alternates

Barrien, Troy, Sgt.
File, Hue B., Corp.

U. S. MARINE CORPS RIFLE TEAM

Larson, August, Capt. U.S.M.C. (Captain)									
Lloyd, Calvin A., Ch. M. Gun. U.S.M.C. (Coach)									
	200	200	300	600	1000				
	S	R	R	S	S	Total			
Phinney, Waldo A., Sgt.	45	49	46	47	87	274			
Brown, Victor F., Sgt.	45	49	48	49	95	286			
Kravitz, Valentine J., Sgt.	43	46	45	47	89	270			
Anderson, Clarence J., Pl									
Sgt.	45	48	46	46	88	273			
Frazer, James G., 1st Lt.	47	48	49	47	92	283			
Disco, Steve, Sgt.	47	50	47	41	95	280			
Mitchell, Thomas R., Corp.	44	48	46	47	95	280			
Holland, Malcolm J., Corp.	46	49	47	45	87	274			
Rawlings, Clifford W., Corp.	46	48	50	49	94	287			
Barrier, Thurman E., Sgt.	44	50	45	48	94	281			
	452	485	469	466	916	2788			

Alternates

Floyd, Claude L., Jr., Pl.
Pulver, William F., M. Gy. Sgt.

U. S. COAST GUARD

Dexter, D. H., Lt. (Captain)
Bakutis, Walter S., Lt. (Coach).

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Banker, Russell A., RMIC	47	48	47	45	88	275			
Brown, Donald A., QMIC	43	45	47	46	94	275			
Couser, Christian R., Ensign	42	48	47	45	82	264			
Ellis, Charles R., CBM	43	48	49	45	91	276			
Goodwin, Kenneth R., Surf.	39	48	44	47	91	269			
Jansen, Virgil W. B., RM2C	43	49	49	47	85	273			
Jones, Rudolph, Sea. 1C.	44	50	50	48	95	287			
Marcoux, Peter, GMIC	43	49	47	48	92	281			
Mitchell, Wilfred, Gunner	46	48	46	45	88	273			
Williams, Harold J., RM2C	44	46	47	47	85	269			
	434	479	475	463	891	2742			

Alternates

Minor, Arthur P., BMIC.
Pearce, George H., Sea. 1C.

CALIFORNIA CIVILIAN

Laine, Franck (Captain)
Chaney, Raymond E., Sgt. U.S.M.C. (Coach)

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Heins, Melvin M.	40	48	48	48	90	274			
Williamson, Raymond H.	45	47	41	49	86	268			
Barnes, Thomas R.	45	50	48	46	91	280			
Plummer, Harry H.	43	47	47	46	95	278			
Comstock, Hilliard	40	48	49	47	90	274			
Dixon, Edward W.	40	47	47	46	88	268			
Schwab, Emmanuel	44	46	44	48	90	272			
James, Irving J.	46	45	42	48	90	271			
Peterson, Christian P.	44	47	49	48	97	285			
Sigler, Charles A.	46	50	44	47	84	271			
	433	475	459	473	901	2741			

Alternates

Hanscom, Arnold J.
Eaton, Robert H. J.

U. S. CAVALRY RIFLE TEAM

Phillips, James H., Capt. Cav. (Captain)
Martin, Paul, Mach. Capt. Cav. (Coach)

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Foster, Paul, Sgt.	46	49	45	45	92	277			
Gayne, Arthur G., Sgt.	40	47	48	47	89	271			
Howard, Oscar F., Sgt.	41	45	44	48	83	261			
Ernst, Henry P., Sgt.	44	48	43	48	86	269			
Reynolds, William D., Sgt.	44	49	46	48	91	278			
Kitterman, John W., Sgt.	46	48	45	48	91	278			
Shantz, Victor, Sgt.	48	47	49	46	87	277			
Milton, Oliver D., Sgt.	43	49	43	48	89	272			
Mattson, Paul J., Sgt.	48	46	43	48	90	275			
Watson, Harvey P., Cpl.	44	46	47	46	92	275			
	444	474	453	472	890	2733			

Alternates

Bartinkaitis, Francis, Cpl.
Tusten, Harmon W., Pl.

U. S. MARINE RESERVE TEAM NO. 1

Hankins, Joseph F., Capt. U.S.M.C.R. (Captain)
Adams, Henry J., Jr., 1st Lt. U.S.M.C.R. (Coach)

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Walsh, Walter R., 1st Lt.	47	48	47	47	82	271			
Nemitz, Leland A., Cpl.	41	49	47	47	90	274			
McDougal, Douglas C., Jr., 1st Lt.	43	48	46	45	90	276			
Cantrell, Dennis M., Cpl.	43	49	48	44	89	273			
Brewer, Don C., Sgt.	45	48	44	46	92	275			
Platt, Bruce H., 2nd Lt.	45	48	47	48	84	272			
Willoughby, Julius D., Gy. Sgt.	41	48	47	48	87	271			
Jost, John F., Gy. Sgt.	41	48	48	45	79	261			
Swanson, Emmet O., 1st Sgt.	46	47	49	47	92	281			
Jones, John G., Sgt.	46	50	45	46	90	277			
	442	483	468	463	875	2731			

Alternates

Dyess, Aquilla J., 1st Lt.
Landwehr, Robert L., Cpl.

ORGANIZED RESERVE

Wade, Clearfield P., Maj. Inf. (Captain)
Hicker, Eugene S., 1st Lt., 383d Inf. (Coach)

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Jury, Frank J., 1st Lt.	46	46	44	46	91	273			
Taylor, Leland B., 2nd Lt	46	48	48	48	95	285			
Powell, Marion Lee, 1st Lt.	43	47	44	47	89	270			
Malstrom, Vincent F., 1st Lt.	44	46	46	46	84	266			
Webb, James B., Captain	43	45	47	50	87	272			
Larson, Robert T., 2nd Lt.	43	44	46	46	94	273			
Stone, Alfred C., 2nd Lt.	45	47	48	42	90	272			
Sandell, Angus, 1st Lt.	44	46	48	44	88	270			
Naimy, Jerry A., 1st Lt.	42	48	47	44	94	275			
Lloyd, Tony B., 2nd Lt.	46	48	48	41	85	268			
	442	465	466	454	897	2724			

Alternates

See, Henry S., (Captain)
Hohl, Ernest A., (Captain)

U. S. ENGINEERS

Lane, Albert L., (Captain)
Wolfe, George G., Tech. Sgt. (Coach)

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Alden, Sam E., Pl.	45	49	46	48	89	277			
Buckland, Henry, Pvt.	44	44	47	44	95	274			
Dorsey, George D., Cpl.	42	45	48	46	85	266			
Hanson, Gordon K., Cpl.	43	47	46	48	88	272			
Heaton, Charles E., St. Sgt.	43	47	47	47	87	271			
Horn, Ross J., Pl.	43	48	47	46	89	273			
Murkerson, Mitchell T., Sgt.	41	47	46	48	92	274			
Reynolds, James M., St. Sgt.	44	48	47	45	93	277			
Thornton, Robert F., St. Sgt.	44	45	46	44	86	265			
Ulmer, Roy C., Tech. Sgt.	43	47	46	44	86	266			
	432	467	466	460	890	2715			

Alternates

Dividio, Dominick A., Sgt.
Malloy, Howard A., Cpl.

MARYLAND NATIONAL GUARD

Terry, Wm. T., Capt. (Captain)
Gillespie, Victor P., Capt. (Coach)

	200	200	300	600	1000				
	S	R	R	S	S	Total			
Glanville, John L., Pvt.	43	47	40	43	98	271			
Lines, Phillip D., Pvt.	43	48	46	45	92	274			
Murphy, Robert L., Sgt.	41	47	48	47	92	275			
Murphy, Garnett C., Corp.	44	43	42	43	90	262			
Ives, Hiram D., Capt.	46	48	47	43	96	280			
Ash, George R., 2nd Lt.	40	47	42	45	87	261			
Kellner, John, Jr., Capt.	40	42	43	44	76	245			
Schneider, Carl M., Sgt.	45	47	47	47	95	281			
Spicknall, William L., 2nd Lt.	44	48	47	47	91	277			
Redden, Paul L., Sgt.	47	47	42	44	87	267			
	433	464	444	448	904	2693			

Alternates

Coffin, Edward J., 1st Sgt.
Kline, Claude N., Private.

WASHINGTON NATIONAL GUARD

Kenney, Irven W., Lt. Col. (Captain)
Stoddard, Lloyd V., Mr. Sgt. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Harrison, Fred L., Capt.	45	48	50	47	88	278
McDonald, Norton L., Capt.	36	46	39	44	87	252
James, Paul C., St. Sgt.	43	48	43	44	86	264
Hollinger, Charles E., 1st Sgt.	39	48	42	50	87	266
Gay, Robert E., 1st Sgt.	45	49	45	44	82	266
Gay, John E., 1st Sgt.	43	50	46	45	94	278
Beale, John W., 1st Sgt.	44	47	45	49	91	276
Russell, Robert J., 1st Sgt.	43	47	43	45	87	265
Park, Edwin G., St. Sgt.	44	47	45	44	91	271
DiCarlo, Joseph J., 1st Sgt.	44	50	46	45	86	271
	426	480	444	458	879	2687

WASHINGTON STATE CIVILIAN

Scotfield, Harvey O. (Captain)
Coffey, W. B., Lt. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Bailey, Robert L.	45	49	48	47	89	278
Bucknell, Earl H.	42	48	48	45	92	275
Corey, Silas H.	44	41	47	47	86	265
Eden, Harlan B.	44	45	44	45	88	266
Godfrey, Xelia W.	38	48	48	46	84	264
Hornberg, Jalmer T.	44	44	47	50	98	283
Hohenadel, Frank	41	45	43	46	84	259
Kepp, Karl	43	47	47	46	92	275
Neiswanger, Eugene W.	37	42	45	39	87	250
Nooney, Frank S.	41	49	42	47	92	271

Alternates

Laybourn, Wallace M.
Paine, Charles E.

NEW YORK NATIONAL GUARD

Suavet, Henry E., Lt. Col. (Captain)
Evans, Burr A., Sgt. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Ross, Henry F., 1st Lt.	44	47	44	41	84	260
Herron, James R., 2nd Lt.	47	46	48	41	83	265
Batstone, John K., 2nd Lt.	44	49	48	46	79	266
Bradt, David C., Sgt.	47	45	44	42	80	258
Chiplock, John G., Sgt.	47	47	48	47	90	279
Driscoll, John J., Sgt.	46	48	46	48	87	275
Mason, Charles, Sgt.	41	47	46	48	80	262
David, Frederick, Corp.	42	47	43	44	83	259
Morgan, Charles F., Corp.	44	48	45	47	94	278

Alternates

Ball, William A., Pvt.	42	47	46	48	95	278
Lutz, Herman M., Pvt.	44	47	45	45	85	260

TEXAS NATIONAL GUARD

Carmichael, H. H., Lt. Col. (Captain)
Sutton, William J., Capt. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Ward, Thomas B., Sgt.	43	48	47	46	83	267
Harris, Edward N., 1st Lt.	45	46	48	45	91	275
Hooper, Philip L., 2nd Lt.	48	49	49	45	91	282
Gassman, Fred L., Sgt.	41	46	45	46	85	263
Boyle, Edward W., 1st Sgt.	45	49	39	48	78	259
Loughry, Joe M., 1st Lt.	40	47	42	47	87	263
Nathan, Aubrey P., 2nd Lt.	40	49	45	45	89	268
Meeks, Curtis J., 1st Sgt.	44	45	45	48	81	263
Wenble, Elihu L., 1st Sgt.	43	47	46	46	86	268
Trapp, Eddie L., Mr. Sgt.	44	47	44	46	90	271

Alternates

Holmes, William G., Sgt.
Wagster, Paul L., Sgt.

MASSACHUSETTS CIVILIAN RIFLE TEAM

Clapp, Raymond L. (Captain)
Seesars, Edward V., Sgt. U. S. M. C. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Johnson, George B.	48	49	45	47	91	280
Hampson, James H.	41	46	48	48	95	278
Tomlin, Warren I.	44	45	44	42	88	263
Worth, Elmer H.	39	46	47	46	84	262
Estabrook, Roland W.	42	43	46	45	79	255
Small, Charles T.	46	47	47	46	78	264
Parriah, Robert.	45	44	44	46	86	265
Foster, Paul S.	41	47	45	44	91	268
Campbell, Martin B.	45	45	44	46	89	269
Rubin, Henry B.	45	47	46	45	87	270

Alternates

Hyde, Ray H.
Murphy, James R.

KANSAS CIVILIAN TEAM

Wagner, Howard A. (Captain)
Zumbrunn, Emil E. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Surface, Garder A.	44	48	43	45	85	265
Muhlheim, Arnold, Jr.	45	50	48	44	92	279
McNabb, Joe R.	39	47	47	47	94	274
Butcher, Homer R.	40	44	39	46	92	261
Schwanbeck, Carl A.	45	47	45	46	86	269
Wilson, John M.	41	44	40	47	88	260
Bennett, Glen A.	41	47	42	44	85	259
Tetlow, Chester E.	42	48	46	47	81	264
Wagner, Howard A.	45	48	43	46	82	262
Smiley, William A., Jr.	46	49	46	50	88	279

Alternates

Parks, Clarence E.
Patterson, Frank F.

Class B Teams

9TH CORPS AREA C. M. T. C.

Moore, Henry C. (Captain)
Lyons, James P., Major, Infantry (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Bartley, John A.	43	45	48	46	91	273
Geisert, William L.	38	48	44	45	86	261
York, Howard A.	42	49	46	48	80	265
Pfeiffer, Kedric O.	42	47	45	46	93	273
St. Clair, Leslie.	45	47	48	46	91	277
Truex, John N.	43	50	43	47	90	273
Morris, David W.	42	46	45	46	94	273
McClennahan, Donald L.	41	47	46	46	89	269
Bartley, William E.	41	47	46	46	89	269
Mitchell, Douglas C.	40	46	45	44	67	242

Alternates

Lyons, James P., Jr.	40	45	42	45	89	261
Minnick, Jack M.	416	470	452	459	870	2667

MASSACHUSETTS NATIONAL GUARD

Furbish, Chester A., Capt. (Captain)
Marshall, Harry R., Lt. Col. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Allen, Ernest M., 1st Lt.	43	50	43	49	93	278
Hicks, Harold D., Corp.	41	45	44	47	85	262
Quinn, Charles A., Pvt.	43	45	41	45	70	244
ICL.	43	45	41	45	70	244
Campbell, Elden C., Pvt. ICL.	41	47	45	43	87	263
Borella, Primo J., 1st Sgt.	43	49	47	44	88	271
Pray, Donald A., Pvt. ICL.	44	49	46	44	89	272
Stuart, Charles C., Private.	43	44	46	42	87	262
Hicks, Floyd J., Pvt. ICL.	42	45	45	47	92	271
Donaldson, Hugh G., 2nd Lt.	43	47	45	44	85	264
Gallant, Arthur J., Corp.	44	48	49	44	93	278

Alternates

Markham, Michael J., 1st Lt.
Reardon, Joseph P., 2nd Lt.

PENNSYLVANIA NATIONAL GUARD

Reynolds, Robert C., 1st Lt. Inf. (Captain)
Sanders, Harley M., 1st Lt. Inf. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Ball, Walter G., Sgt. Inf.	45	49	45	47	85	271
Brehm, Ira J., Pvt. Cav.	43	43	45	46	87	264
Cookefair, George A., Capt. Inf.	43	43	45	46	87	264
Francis, William W., Sgt. Inf.	45	49	45	47	85	271
Hoke, Harold H., Sgt. Inf.	42	42	44	46	88	262
Kadak, Eugene H., Pvt. Inf.	42	46	48	46	82	264
Nelson, Rk. L., Sgt. Cav.	44	50	49	49	86	278
Reynolds, Robert C., 1st Lt. Inf.	43	45	45	46	90	269
Roule, Armedia C., Sgt. Inf.	45	38	46	41	89	259
Sweger, William R., Sgt. Cav.	42	42	48	46	86	264
Alternates						
Wilson, Frank J., Sgt. Cav.	45	46	44	41	86	262
Yorgalach, Thomas, Sgt. Inf.	41	49	50	44	87	271

HAWAII NATIONAL GUARD

Anderson, W. A. (Captain)
Yap, James Ho (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Keiek, William F.	44	48	47	48	84	271
Roman, Frank	43	48	45	49	85	270
Ho, Albert K. T.	44	47	41	42	91	265
Kufferath, Arnold	42	46	43	49	86	266
Hussman, Adolph	40	46	43	45	82	256
Ontai, Halley	43	49	45	48	93	278
Seto, Ah Kong	42	48	46	46	84	266
Blake, Hartwell	43	45	43	45	78	254
Chang, Kenneth C.	42	46	46	46	89	269
Kupau, Oliver H.	45	44	43	44	79	255

Alternates

Moniz, Gabriel.
Apana, William L.

U. S. MARINE CORPS RESERVE TEAM NO. 2

McIlhenny, Walter S., 2nd Lt. U.S.M.C.R. (Captain)
Fondahl, John E., 1st Lt. U.S.M.C.R. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Johnson, Clarence P., Sgt.	44	47	47	48	91	277
Mann, Ralph G., Cpl.	38	46	47	49	92	272
Greer, Errett L., Pic.	41	43	45	46	81	256
Hoyt, William C., Jr., F.M.L.C.	42	47	45	42	84	260
Terry, Robert A., Plt. Sgt.	37	45	44	46	89	261
Yunevich, Joseph G., Cpl.	41	45	46	45	78	255
Bailey, Linwood C., Cpl.	48	48	45	41	93	275
Domke, Roy F., Gy. Sgt.	40	43	42	41	81	247
Fondahl, John E., 1st Lt.	45	47	45	45	87	269
Schmidt, Russel W., Jr., 2nd Lt.	47	47	47	46	90	277

Alternates

Fagan, Kenneth J., 1st Sgt.
Haehl, Robert J., Cpl.

CONNECTICUT NATIONAL GUARD

Griffin Ashley J. (Captain)
White, Andrew M. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Griffin, Ashley J., Capt.	40	46	45	48	87	266
Mursko, Andrew M., Sgt.	42	49	46	45	85	267
Stielau, Herbert H., Sgt.	41	47	48	45	80	261
Wasicki, Adam C., Sgt.	42	46	46	41	83	258
Gozdz, Stanley, Sgt.	46	48	46	49	81	270
Dorsey, Francis E., 1st Lt.	44	45	44	43	87	263
Hardy, Paul W., Pvt.	45	49	46	50	83	273
Halb, Frank F., Sgt.	45	47	45	41	83	261
Lacy, Walter F., Cpl.	44	45	46	47	87	269
Voytek, Frank J., Sgt.	43	46	46	46	80	261

Alternates

Alexander, Geo. F., Pfc.
Beard, Howard B., Sgt.

INDIANA NATIONAL GUARD

Middleton, Basil, Lt. Col. (Captain)
Harter, Paul D., Capt. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Harter, Paul D., Capt.	43	44	47	48	87	269
Houck, John F., Capt.	46	47	47	45	84	269
Gardner, Roy E., 1st Lt.	45	45	44	42	79	255
Siefert, Albert W., 1st Lt.	43	48	49	48	92	280
Westfall, William M., 2nd Lt.	42	47	44	44	83	260
King, Robert W., 2nd Lt.	42	46	45	46	86	265
Smith, Bernard L., Sgt.	38	46	46	46	90	266
Brown, Bernard A., Cpl.	41	47	45	44	85	262
Collins, Louis E., Pic.	40	43	45	40	88	256
Hendricks, Don, Cpl.	43	48	49	48	92	280
Zernes, Charles, Pic.	45	45	44	47	85	266

Alternates

Kern, Lloyd R., Pfc.
Smith, Clarence H., Pic.

CALIFORNIA NATIONAL GUARD

Hardy, D. P., Lt. Col. (Captain)
Roberts, P. J., Capt. (Coach)

	200	200	300	600	1000	
	S	R	R	S	S	Total
Teel, S. D., Sgt.	45	47	49	49	77	267
Crossman, E. B., Sgt.	40	45	46	47	76	254
Groves, W. F., 1st Sgt.	45	47	43	45	88	268
Cooper, C. G., Sgt.	40	44	44	45	91	264
Compton, S. H., Sgt.	42	48	47	45	79	261
Russell, R. M., Pvt.	44	44	45	45	91	264
Parke, R., Pfc.	44	44	45	45	91	269
Simpson, G. A., Pvt.	42	48	43	45	90	268
Bergmann, R. F., 1st Lt.	43	46	45	46	86	266
Hudelson, D. H., Capt.	46	48	45	46	89	274
<i>Alternates</i>						
Roe, T. J., Cpl.						
Sweet, W. W., 2nd Lt.	41	46	45	47	78	257
	428	463	452	460	845	2648

Highest U. S. Dewar and R. W. S. Honors for

WINCHESTER

TRADE MARK

EZXS and MODEL 52

*Leading Scores for these 20-Man
and 10-Man International Teams*

HIGHEST AVERAGES MADE WITH EZXS

FOR THE RECORD-SMASHING U. S. TEAM INTERNATIONAL DEWAR MATCH

1. Dave Carlson.....	400-30Xs	EZXS	M52
2. R. D. Triggs.....	400-28Xs	EZXS	M52
7. Wm. P. Schweitzer..	399-29Xs	EZXS	
8. Ernest Pade.....	399-26Xs	EZXS	M52
16. Merle Israelson.....	397-24Xs	EZXS	M52
19. Willis E. Kenyon.....	395-27Xs	EZXS	M52

FOR THE U. S. TEAM INTERNATIONAL R. W. S. MATCH

1. Dave Carlson.....	399	EZXS	M52
2. R. D. Triggs.....	397	EZXS	M52
Ernest Pade.....	397	EZXS	M52
9. E. J. Doyle.....	390	EZXS	M52

Triggs and Pade tied with John Wark (M52) for 2nd.

HIGHEST AVERAGES

In the Dewar, the six shooters who used EZXS made an average score of 398.33 — exceeding the averages made by shooters using the ammunition with which the Second and Third high-est averages were made.

In the R. W. S., the four shooters who used EZXS averaged 395.75 — exceeding the average of the one other make used in comparable quantity.

Turn the page for more details.

WINCHESTER REPEATING ARMS COMPANY, NEW HAVEN, CONN., U. S. A.

For the Third Time In Four Years

WINCHESTER

TRADE MARK

Four Years Out of Six the Leader in the
EZXS and Model 52 Again Lead U.S. Team

WHEN the American Team's new world's record score of 7953 x 8000 for the 1938 International Dewar Small Bore Team Match was chalked up on Saturday morning, September 3, on the big score board at Camp Perry, Ohio, shooters who used Winchester equipment led all the rest. Carlson and Triggs Second. And when the score of the American Team in the R. W. S. International Team Match was posted, lead and runner-up again were Carlson and Triggs. Both used Winchester EZXS and Model 52 Rifle. Note the leading images made by these and the other shooters who used Winchester equipment in these two great matches, as given on the preceding Winchester page.

Superior marksmanship in combination with Winchester equipment won success throughout the great 1938 Camp Perry National Small Bore Rifle Tournament, in matches of all kinds. Shooters using Model 52 won 17 out of 28 Firsts, shared 12 (in a doubles match) and made 4 of the 6-man team winners. 30th, not including the Dewar and R. W. S. team matches. Leaders who used Winchester EZXS and Model 52 follow.

DAVE CARLSON—Easily the outstanding shooter in the International Matches this year was Dave Carlson. High man for the United States in the Dewar International Match with 400 x 400 and 30Xs, and followed with another sterling performance to lead the United States in 400-29X W. S. International Team Match, and with a 399 x 400 on the difficult doubles meter target, is indeed an achievement worthy of a man won.



WINCHESTER REPEATING ARMS (ANY)

U. S. Dewar Team Is Led With

WINCHESTER EZXS and MODEL 52

Under Shot Winchester Ammunition—Five Out of Six Model 52... Shooters Using and U.S. Team in R.W.S... Many National Match Winners and Leaders With Winchester

record championship caliber. But this is not new for Dave Carlson, for in 1935 he led the United States team in the Dewar match of that year with another 400 x 400 with 29 Xs. Always brilliant and especially dependable in the tight spots, Dave's shooting throughout the year has been consistently of championship form, and his performance at Camp Perry climaxes a really remarkable season. His equipment, Winchester EZXS and Model 52.

WANSFORD D. TRIGGS—Shooting shoulder to shoulder with Carlson in both the Dewar and R. W. S. International Matches, this fine Madison, N. J. marksman scored a 400 x 400-28Xs in the Dewar, 397 x 400 in the R. W. S. Not only that—Triggs showed up very strongly in the National Small Bore Matches. Shot a perfect 200 in the 50-Meter Doubles Any Sights Match, sharing First with J. C. Lippencott. Shot a 399 x 400 in the Lyman Doubles Metallic Sights Match, sharing First with W. C. Kennedy. Won Second in the 100-Yard All Comers' Metallic Sights, score 381 x 400. Won Third in the Medalists' Dewar, Metallic Sights. In all matches he used Winchester EZXS and Model 52.

ERNEST PADE—One of the most promising of the new crop of shooters is Ernest Pade of Sellersville, Pa. Attending for the first time a full season of Camp Perry national matches, he demonstrated the same exceptional ability shown in major 1938 regionals, winning a place on both the Dewar and the R. W. S. International teams, then scoring 399 x 400 with 26 Xs for 8th place in the Dewar and 397 x 400 in the R. W. S. to tie with W. C. Triggs and Jack Wark for second place. He also finished second in the Medalists' Dewar, Metallic Sights, besides making high scores in other matches. Ernie shoots a standard barrel Model 52 and Winchester EZXS.

WM. P. SCHWEITZER—Always formidable in any match, especially where the conditions are tough, under any competition, this great marksman of Hillside, N. J., made one of his best scores of the tournament in the Caswell Team Match, where he shot on the winning New Jersey United States team with a perfect score of 400 x 400. In the International Dewar Team Match, he shot the seventh highest score for the U. S. team—399 x 400-29Xs. In the Remington Trophy Match he won Third, with 398 x 400, and in the Pope Match was Fifth with 174 x 200. In the 50-Meter Doubles, Any Sights, teamed with Dave Carlson he shared Fourth place, leading an ailing 198 x 200. In the "400" Club Members' Match, Metallic Sights, he won Third—396 x 400-19Xs. In the "400" Club International Team

Match, he shot the second highest score for his team, 398 x 400. In all these matches the New Jersey small-bore wizard used Winchester EZXS.

W. C. KENNEDY—Teamed with Triggs, this Short Hills, N. J., shooter showed his shooting ability in their winning of the Lyman Trophy Doubles. Score for Kennedy 398, and for the team 797, leading their nearest competitors by 3 points. Fourth in the 50-Yard Allcomers' with 400 x 400-28Xs, one X behind the high man. On the winning New Jersey State team in the Caswell Match—score 400 x 400. Used Winchester EZXS and Model 52.

MERLE ISRAELSON—Akron, Ohio. One of the nation's leading small bore experts, who has been consistently successful again this season. Shot on the American Team in the International Dewar, Fifth on the American Team in the International "400" Club Team Match, Second in the Life Members' Dewar Metallic Sights and Second in the "400" Club Members' Dewar Match. Used Winchester EZXS and Model 52.

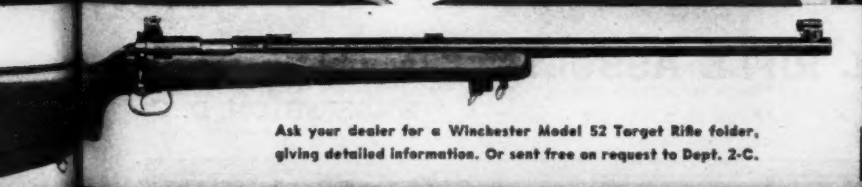
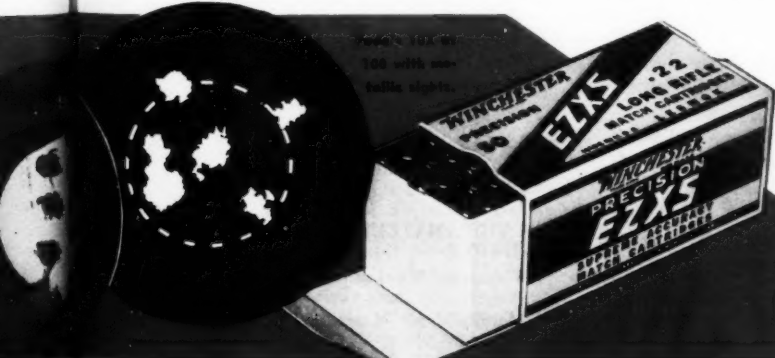
WILLIS E. KENYON—Michigan City, Ind. Won a place on the American Team in the International Dewar. Shared Second with Ted J. Holm of Des Moines, Ia., in the Lyman Doubles. Shot Winchester EZXS and Model 52, as did Holm in the Lyman Match.

J. H. STEVENSON—Well-known Camden, N. J., marksman who is particularly good in long range events. First in the Peters Trophy Match, with Winchester EZXS and Model 52.

SAM T. MOORE—West Orange, New Jersey, one of the most popular shooters at Camp Perry, a veteran at 62 and still able to win first in the Any Sights 50-Yard All Comers' Match, with a splendid score of 400 x 400 and 29Xs. He also finished second with his partner, Selden Warner, in the Randle Trophy Doubles Match. Moore shot EZXS and Model 52.

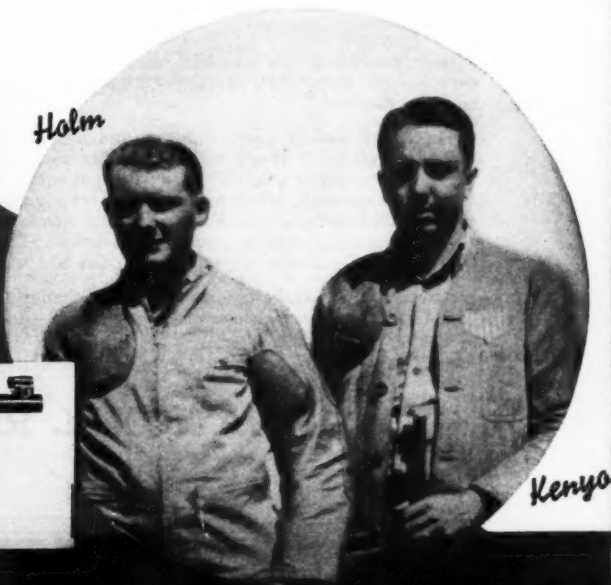
FRED T. JOHANSEN—The first and only perfect score on the new Expert target at 100 yards made at Camp Perry this year was shot by this well-known internationalist of Joliet, Ill. He did it in the 100-Yard All Comers' Metallic Sights Match with Winchester EZXS-HS-38. His target is shown below at left.

JACK LACY—Made the phenomenal score of 199 x 200 at 50 Yards on the new Expert target (a mark for others to shoot at) using a Model 52 and EZXS-HS-38.



Ask your dealer for a Winchester Model 52 Target Rifle folder, giving detailed information. Or sent free on request to Dept. 2-C.

WINCHESTER, NEW HAVEN, CONN., U. S. A.





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Haven't you often felt the urge to try your hand at a bit of amateur gunsmithing? There has to be a first time for everything you know—even Alvin Linden didn't know what a fine stockmaker *he* was until he got that first gun completed.

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A brand new manual "Elementary Gunsmithing," by Perry Frazer, furnishes the step-by-step instructions you will need, and thus removes much of the gamble commonly associated with amateur gunsmithing. This splendid manual will start you off right. It was written solely for beginners who would like to take their plain "standard model" rifle or shotgun, checker its grip and forearm, change the stock length and comb a mite, and then refinish the entire gun, lock, stock and barrel—the blueing being just about gone from the latter.

Not only will Frazer's book tell you how to go about doing ALL of these things (and many others too) but it will also *show* you how to make the few special tools required—the checking cradle, spacers, V chisels, files, templates and many other necessary gadgets. It's a concise, but complete study of "Elementary Gunsmithing"—and costs but \$2.00, postpaid.

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After finishing up a couple of old timers until they look like a million dollars, and maybe re-stocking some old military relic, you will find yourself pretty good at this thing called home gunsmithing. Or, if you have already mastered the subject of elementary gunsmithing then you will want to take up the next step—modern gunsmithing with all of its interesting phases. To do this you need the time-tried and *complete* textbook "Modern Gunsmithing," by Clyde Baker.

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Save a half-dollar by ordering *both* these titles this month. Just say "Send me the pair of books on gunsmithing"—and enclose remittance of \$6.00.

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NATIONAL RIFLE ASSOCIATION

BARR BUILDING

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N. R. A. Pistol and Revolver Matches

NOTE: The National Match Course consists of 10 shots slow fire at 50 yards, 10 shots timed fire at 25 yards and 10 shots rapid fire at 25 yards; the Camp Perry Police Course consists of 10 shots slow fire, 10 shots timed fire and 10 shots rapid fire, all at 25 yards.

Official Bulletin No. 1

Police Field Firing Match

174 Entries

Course—(a) Five single shots at running man target; three shots at the target runs in one direction and two shots in the opposite. Distance 50 yards. (b) Five single shots at field target exposed three seconds, twenty to fifty yards at various angles. (c) Five single shots at disappearing targets in buildings. Any automatic pistol or revolver of .38 caliber or larger.

High Ten

Name and Organization	Score
Ehleman, T. E., Penn. Motor Police.....	70
Wagner, R. R., Cleveland Police.....	70
Snipas, C. C., Penn. Motor Police.....	68
McCormick, D. J., Individual.....	68
Adams, R. A., Dutchess County (N.Y.)	
Sheriffs.....	65
Sims, M. E., Cleveland Police.....	64
Wilson, K. A., U. S. Treasury.....	63
Lawrence, Sam L., Nevada State Police.....	63
Harper, T. C., Nevada Civ.....	63
Amlung, A. T., Ill. State Police.....	63

Official Bulletin No. 2

Sobel Trophy Police Team Match

30 Entries

Course—(a) Five single shots at field targets as exposed, 20 to 50 yards at various angles. (b) Five shots at running man targets, 3 shots as the target runs in one direction, 2 shots in the opposite. Distance 50 yards. Any center-fire pistol or revolver.

MEDAL WINNERS

Name and Organization	Score
Pennsylvania Motor Police Team No. 1.....	163
Detroit Police Team No. 1.....	163
Los Angeles Police Team No. 3.....	161

Official Bulletin No. 6

McGinley Trophy Police Pistol Match

182 Entries

Course—The National Match Course. Any center-fire pistol or revolver.

MEDAL WINNERS

Name and Organization	Score
Lalonde, Maurice W., Detroit Police.....	289
Toney, William T., Jr., U. S. I. B. P.....	288
Askins, Charles, Jr., Ind. Police.....	284
Jones, Emmett E., Los Angeles Police.....	284
Franano, Joseph, Kansas City Police.....	283
Goerler, Raymond P., Los Angeles Police.....	283
Chapman, Percy M., U. S. Treasury.....	282
Schuber, Adolf P., N. Y. C. Police.....	281
Hemming, Alfred W., Detroit Police.....	281
Jones, T. E., Penn. Motor Police.....	280

Official Bulletin No. 7

Police Doubles Pistol Match

78 Entries

Course—The Camp Perry Police Course. Any center-fire pistol or revolver.

MEDAL WINNERS

Name and Organization	Score
Dale-Sayers, Detroit Police.....	585
Reeves-Hemming, Detroit Police.....	585
Dircks-Stark, Los Angeles Police.....	580
Yanick-Spavor, St. Louis Police.....	580
Rogers-Meloche, U. S. Treasury.....	578
Feloni-Stil., Penn. Motor Police.....	578
Eshleman-Burner, Penn. Police.....	578
Driver-Kaniecki, Detroit Police.....	577
Shapiro-Lalonde, Detroit Police.....	577
Starkey-Ward, Los Angeles Police.....	575

Official Bulletin No. 8

Police Restricted Class Pistol Match

69 Entries

Course—The Camp Perry Police Course. Any center-fire pistol or revolver.

MEDAL WINNERS

Name and Organization	Score
Barkley, Wilbur D., Los Angeles Police.....	289
Alcantara, Alfonso, Mexico City Police.....	283
Verna, Tulio J., Ill. St. Police.....	283
Pennington, Thomas S., Tex. St. Police.....	280
Canady, Orval L., Tex. St. Police.....	279
Hecko, George J., Indiana St. Police.....	279
Haley, Frank G., Los Angeles Police.....	278
Pierson, Maynard, B., Unattached.....	277
Schneider, Joseph H., Ill. St. Police.....	276
Lawrence, Don I., Tex. St. Police.....	275

Official Bulletin No. 9

Colt Trophy Police Team Match

34 Entries

Course—The Camp Perry Police Course. Any center-fire pistol or revolver.

MEDAL WINNERS

Name	Score
Detroit Police Team No. 1.....	1157
Los Angeles Police Team No. 1.....	1153
U. S. Border Patrol Team No. 1.....	1148

Official Bulletin No. 18

Center-Fire Slow-Fire Pistol Match

265 Entries

Course—20 shots slow fire at 50 yards.

MEDAL WINNERS

Name and Organization	Score
Askins, Chas., Jr., New Mex. N. G.....	189
Engbrecht, Jacob J., Los Angeles Police.....	187
Echols, Lee E., U. S. Treasury.....	187
Van Doren, Coy L., Los Angeles Civ.....	186
Lea, Ellis M., W. Va. Police.....	185
Jones, T. E., Penn. Motor Police.....	184
Toney, William T., Jr., U. S. I. B. P.....	184
Ehleman, T. E., Penn. Motor Police.....	184
Hill, Thamer, St. Louis Police.....	183
Jones, Emmett E., Los Angeles Police.....	183

Official Bulletin No. 19

Center-Fire Timed-Fire Pistol Match

258 Entries

Course—20 shots timed fire at 25 yards.

MEDAL WINNERS

Name and Organization	Score
Hemming, Alfred W., Detroit Police.....	198
Lalonde, Maurice W., Detroit Police.....	197
Yanick, Oliver J., St. Louis Police.....	197
Jensen, Jens B., St. Sgt. Cav.....	197
Rhoads, John E., Philadelphia Police.....	197
Reeves, Harry W., Detroit Police.....	197
Burner, B. L., Penn. Police.....	196
Chapman, Percy M., U. S. Treasury.....	196
Engbrecht, Jacob J., Los Angeles Police.....	196
Boisaubin, Vincent P., Individual.....	196

Official Bulletin No. 20

Center-Fire Rapid-Fire Pistol Match

240 Entries

Course—20 shots rapid fire at 25 yards.

MEDAL WINNERS

Name and Organization	Score
Baldwin, Patrick H., Miami Police.....	194
Lalonde, Maurice W., Detroit Police.....	193
Herron, James R., D. & H. Police.....	193
Wheeler, Mark E., Los Angeles Police.....	192
Askins, Chas., Jr., New Mexico N. G.....	192
Kane, Kenneth, Los Angeles Police.....	191
Echols, Lee E., U. S. Treasury.....	191
Jones, Emmett E., Los Angeles Police.....	191
Chapman, Percy M., U. S. Treasury.....	191
Walsh, Walter R., 1st Lt. U. S. M. C. R.....	191

Official Bulletin No. 21

Center-Fire Restricted Class Pistol Match

85 Entries

Course—The National Match Course.

MEDAL WINNERS

Name and Organization	Score
Barkley, Wilbur D., Los Angeles Police.....	284
Pennington, Thomas S., Texas State Police.....	281
Wall, Thomas F., 1st Lt. Inf.....	280
McCormack, Thomas J., New York City Police.....	279
Kelton, Chesterman C., Individual.....	271
Bustamante, Francisco, Mexico City Police.....	271
McCoy, Kenneth X., Individual.....	269
Potter, Arthur D., Individual.....	269
Nordhus, C. E., Individual.....	267
Haley, Frank G., Los Angeles Police.....	267

Official Bulletin No. 22

Center-Fire Pistol Medalists' Match

160 Entries

Course—The National Match Course.

MEDAL WINNERS

Name and Organization	Score
Lalonde, Maurice W., Detroit Police.....	290
Dircks, Joe O., Los Angeles Police.....	286
Grider, Rosco R., Sgt. U. S. Cav.....	284
Askins, Chas., Jr., New Mexico N. G.....	284
Walsh, Walter R., 1st Lt. U. S. M. C. R.....	283

Official Bulletin No. 30

.22 Pistol Restricted Class Match

93 Entries

Course—The National Match Course.

MEDAL WINNERS

Name and Organization	Score
Snyder, Arthur G., Am. Legion Gold.....	284
Alcantara, Alfonso, Mexico City Police.....	282
Wall, Thomas F., 1st Lt. Inf.....	282
Smith, Frank, Sgt. Inf.....	276
McCasland, Loyce P., Tex. State Police.....	276
Camara, Rafael, Mexico City Police.....	276
Bustamante, Francisco, Mexico City Police.....	275
Barkley, Wilbur D., Los Angeles Police.....	275
Stickley, Richard A., South Bend Police.....	275
Hernandez, Felicites, Mexico City Police.....	274

Official Bulletin No. 31

.22 Single Shot Slow-Fire Pistol Match

66 Entries

Course—20 shots slow fire at 50 yards.

MEDAL WINNERS

Name and Organization	Score
Hinds, Sidney R., Individual.....	188
Price, Guthrie R., Cal. Civ.....	186
Starkey, Basil L., Los Angeles Police.....	184
Engbrecht, Jacob J., Los Angeles Police.....	184
Davis, William J., U. S. B. P.....	183
Hemming, Alfred W., Detroit Police.....	183
Brackley, Raymond C., Columbus, Ohio.....	182
Askins, Chas., Jr., New Mexico N. G.....	182
Ward, Clarence E., Los Angeles Police.....	182
Jones, Emmett E., Los Angeles Police.....	181

Official Bulletin No. 32

.22 Slow-Fire Revolver or Automatic Pistol Match

226 Entries

Course—20 shots slow fire at 50 yards.

MEDAL WINNERS

Name and Organization	Score
Jensen, Jens B., St. Sgt. Cav.....	191
Brown, Charles A., Tampa Police.....	188
Reeves, Harry W., Detroit Police.....	186
Askins, Charles, Jr., New Mexico N. G.....	186
Brown, Horace J., Jr., Dr., Cal. Civ.....	185
Davis, William J., U. S. B. P.....	184
Bustamante, Francisco, Mexico City Police.....	183
Rogers, Melton R., U. S. Treasury.....	182
Corr, Joe P., Philadelphia Police.....	182
Cherubini, D. J., Individual.....	181

Official Bulletin No. 33

.22 Timed-Fire Pistol Match

221 Entries

Course—20 shots timed fire at 25 yards.

MEDAL WINNERS

Name and Organization	Score
Askins, Charles, Jr., New Mexico N. G.....	199
Dircks, Joe O., Los Angeles Police.....	198
Spavor, Paul O., St. Louis Police.....	198
Carter, Harlan E., U. S. I. B. P.....	198
Ward, Clarence E., Los Angeles Police.....	197
Alcantara, Alfonso, Mexico City Police.....	197
Hinds, Sidney R., Capt. 11th Inf. Ind.....	197
Driver, Marvin D., Detroit Police.....	196
Vanick, Oliver J., St. Louis Police.....	197
Michael, Fred, Individual.....	197

Official Bulletin No. 34

22 Rapid Fire Pistol Match

212 Entries

Course—20 shots rapid fire at 25 yards.

MEDAL WINNERS

Name and Organization	Score
Wilson, Melvon O., G. M. I. C., U. S. C. G.....	197
Wilzewski, Richard V., Ind. Barkadale Field.....	196
Garr, Mack Jr., Cpl. Inf.....	196
Driver, Marvin D., Detroit Police.....	196
Grider, Rosco R., Sgt. Cavalry.....	196
Allen, Thomas H., Capt. Infantry.....	195
Chance, Calvin L., Texas State Police.....	195
Jones, Emmett E., Los Angeles Police.....	195
Bakutis, Walter S., Lt. J. G., U. S. C. G.....	195
Reeves, Harry W., Detroit Police.....	195

Official Bulletin No. 40

Clarke Memorial Trophy Pistol Match

267 Entries

Course—The National Match Course. Arm—Any center-fire pistol or revolver.

MATCH WINNER

Name and Organization	Score
Chapman, Percy M., U. S. Treasury.....	291

MEDAL WINNERS

<i>Civilians—R. O. T. C.—C. M. T. C.</i>		
Scott, Roger W., Ind. Washington, D. C.	283	
Price, Guthrie R., Cal. Civ.	283	
Mills, John T., Ind. Rochester, N. Y.	281	

Police

Toney, William T., Jr., U. S. I. B. P.	287	
Hemming, Alfred W., Detroit Police	286	
Jones, T. E., Penn. Motor Patrol	286	

Military Service

Hinds, Sidney R., Capt. 11th Inf. Ind.	287	
Wilson, Melvon O., G. M. I. C., U. S. C. G.	283	
Amundsen, Hubert W., Capt. O. R. C.	279	

Official Bulletin No. 42

American Legion Pistol Match (Aggregate)

27 Entries

Conditions—Scores of Legionnaires in the Clarke Memorial Trophy Pistol Match will count for prizes in this match.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Chapman, Percy M., U. S. Treasury	291	
Hill, Thamer, St. Louis Police	285	
Driver, Marvin D., Detroit Police	283	
Amundsen, Hubert W., Capt. O. R. C.	279	
Jones, Emmett E., Los Angeles Police	278	

Official Bulletin No. 43

N. R. A. .22 Pistol Championship Match

206 Entries

Course—The National Match Course.

WINNER

<i>Name and Organization</i>		<i>Score</i>
Reeves, Harry W., Detroit Police	292	

MEDAL WINNERS

<i>Civilians—R. O. T. C.—C. M. T. C.</i>		
Price, Guthrie R., Cal. Civ.	282	
Michael, Fred, Ind.-Marwood, Cal.	281	
Brown, Horace J., Jr., Dr., Cal. Civ.	280	

Police

Vanick, Oliver J., St. Louis Police	292	
Stanton, Charles D., Miami Police	289	
Hemming, Alfred W., Detroit Police	288	

Military Service

Amundsen, Hubert W., Capt. O. R. C.	288	
Kelly, Thomas C., Okla. N. G.	288	
Phelps, Howard C., Cpl. Inf.	286	

Official Bulletin No. 44

N. R. A. Revolver Team Trophy Match

30 Entries

Arm—Any center-fire revolver.

MATCH WINNER

<i>Name and Organization</i>		<i>Score</i>
Los Angeles Police Team No. 2 (Winner)	1069	

MEDAL WINNERS

<i>Civilians—R. O. T. C.—C. M. T. C.</i>		<i>Score</i>
California Civ. Team	1048	
Michigan Civ. Team	1004	

Regular Services

Cavalry Team No. 1	1024	
U. S. C. G. Team	1014	

Reserves—National Guard—Naval Militia— American Legion

New York N. G. Team	1007	
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Police

Los Angeles Police Team No. 2	1069	
Miami Police	1059	

Official Bulletin No. 55

.45 Caliber Slow-Fire Pistol Match

274 Entries

Course—20 shots slow fire at 50 yards.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Reeves, Harry W., Detroit Police	183	
Stark, Walter R., Los Angeles Police	181	
Mills, John T., Ind. Rochester, N. Y.	179	
Carr, Thomas M., Los Angeles Police	178	
Lalonde, Maurice W., Detroit Police	177	
Spavor, Paul G., St. Louis Police	177	
Jones, Emmet E., Los Angeles Police	176	
Vanick, Oliver J., St. Louis Police	176	
Driver, Martin D., Detroit Police	175	
Scott, R. W., Ind. Washington, D. C.	174	

Official Bulletin No. 56

.45 Caliber Timed-Fire Pistol Match

264 Entries

Course—20 shots timed fire at 25 yards.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Reeves, Harry W., Detroit Police	196	
Tumlia, James A., Cpl. Infantry	195	
Askins, Charles, Jr., New Mexico N. G.	194	
Jensen, Jens B., S. Sgt. Cav.	193	
Ward, Clarence E., Los Angeles Police	193	
Hemming, Alfred W., Detroit Police	193	
Carr, Thomas M., Los Angeles Police	193	
Lalonde, Maurice W., Detroit Police	193	
Stubbs, Frank, St. Louis Police	192	
Walsh, Walter R., 1st. Lt. U. S. M. C.	192	

Official Bulletin No. 57

.45 Caliber Rapid-Fire Pistol Match

258 Entries

Course—20 shots rapid fire at 25 yards.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Price, Guthrie R., Cal. Civ.	191	
Hemming, Alfred W., Detroit Police	191	
Stark, Walter R., Los Angeles Police	189	
Wyman, F. L., Washington, D. C.	188	
Huddleston, Garfield, Cpl. Inf.	188	
Herron, James R., N. Y. N. G.	188	
O'Connor, Francis M., Kan. City Police	188	
Carter, Harlan B., U. S. I. B. P.	188	
Garr, Mack, Jr., Cpl. Inf.	188	
Barrier, Thurman E., Sgt. U. S. M. C.	187	

Official Bulletin No. 67

.45 Caliber Civilian Pistol Match

56 Entries

Course—The National Match Course.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Mills, Jon T., Rochester, N. Y.	274	
Scott, Roger W., Washington, D. C.	271	
Wyman, F. L., Washington, D. C.	267	
Hagan, Howard, El Monte, Cal.	263	
Price, Guthrie R., Cal. Civ. Tm.	262	
Sommers, Paul H., Police	260	
Marshall, R. S., Lima, Ohio	258	
Warshal, William, Seattle, Wash.	258	
Snyder, Arthur G., A. M. L. Tm. Gold	257	
Van Doren, Coy L., Los Angeles, Cal.	255	

Official Bulletin No. 68

.45 Caliber Police Pistol Match

110 Entries

Course—The National Match Course.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Vanick, Oliver J., St. Louis Police	280	
Engbrecht, Jacob J., Los Angeles Police	278	
Ward, Clarence E., Los Angeles Police	277	
Hemming, Alfred W., Detroit Police	277	
Knesek, Louis D., U. S. B. P.	275	
Spavor, Paul C., St. Louis Police	274	
Jones, Emmett E., Los Angeles Police	273	
Wheeler, Mark E., Los Angeles Police	273	
Stubbs, Frank, St. Louis Police	273	
Reeves, Harry W., Detroit Police	272	

Official Bulletin No. 69

.45 Caliber Military Service Pistol Match

123 Entries

Course—The National Match Course.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Walsh, Walter R., 1st Lt. U. S. M. C. R.	280	
Glatly, James E., 1st Lt. Inf.	276	
Moore, Albert N., Sgt. U. S. M. C.	274	
Blazjevski, Stanley, Sgt. Cav.	274	
Barrier, Thurman E., Sgt. U. S. M. C.	274	
Wilson, Melvon O., G. M. I. C., U. S. C. G.	271	
Marcoux, Peter, G. M. I. C., U. S. C. G.	271	
Tucker, James R., Gy. Sgt. U. S. M. C.	270	
Huddleston, Garfield, Cpl. Inf.	270	
Linfoot, William D., Sgt. U. S. M. C.	270	

Official Bulletin No. 70

Orton Memorial Trophy Pistol Match

266 Entries

Course—The National Match Course. .45 auto-matic pistol.

MATCH WINNER

<i>Name and Organization</i>		<i>Score</i>
Hemming, Alfred W., Detroit Police	281	

MEDAL WINNERS

<i>Civilians—R. O. T. C.—C. M. T. C.</i>		<i>Score</i>
Bracken, Raymond C., Columbus, Ohio	272	
Wyman, F. L., Washington, D. C.	268	
Snyder, Arthur G., A. M. L. Tm. Gold	267	

Police

Stark, Walter R., Los Angeles Police	280	
Spavor, Paul C., St. Louis Police	278	
Carr, Thomas M., Los Angeles Police	278	

Military Service

Huddleston, Garfield, Cpl. Inf.	278	
Jensen, Jens B., S. Sgt. U. S. Cav.	277	
Wilson, Melvon O., G. M. I. C., U. S. C. G.	277	

Official Bulletin No. 71

Williams Trophy All-Around Pistol Match

95 Entries

Conditions—The aggregate of the scores made in the following matches will constitute the score in this event. N. R. A. .22 Pistol Championship, Clarke Memorial Trophy Pistol Match, and the Orton Memorial Trophy Pistol Match.

MATCH WINNER

<i>Name and Organization</i>		<i>Score</i>
Hemming, Alfred W., Detroit Police	855	

MEDAL WINNERS

<i>Civilians—R. O. T. C.—C. M. T. C.</i>		
Mills, John T., Individual	826	
Wyman, F. L., Individual	823	
Snyder, Arthur, Individual	815	

Police

Reeves, Harry W., Detroit Police	848	
Echols, Lee E., U. S. Treasury	837	
Spavor, Paul C., St. Louis Police	836	

Military Service

Hinds, Sidney R., Capt. 11th Inf.	840	
Wilson, Melvon O., C. M. I. C., U. S. C. G.	836	
Amundsen, Hubert W., Capt. O. R. C.	825	

Official Bulletin No. 77

Interstate and Interservice .45 Automatic Pistol Team Match

33 Entries

Course—The National Match Course.

MATCH WINNER

<i>Team</i>		<i>Score</i>
Detroit Police Team No. 1	1081	

MEDAL WINNERS

<i>Civilians—R. O. T. C.—C. M. T. C.</i>		<i>Score</i>
Cal. Civilian Team	1050	
Mich. Civilian Team	961	

Regular Services

U. S. M. C. Team No. 1	1064	
Cav. Team No. 1	1048	

Reserves—National Guard—Naval Militia— American Legion

N. Y. N. G. Team	1020	
U. S. M. C. Res. Team	1020	

Police

Detroit Police Team No. 1	1081	
St. Louis Police Team	1075	

Official Bulletin No. 79

.45 Caliber Pistol Medalists' Match

161 Entries

Course—The National Match Course. .45 auto-matic pistol.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Askins, Charles, Jr., New Mexico N. G.	279	
Lalonde, Maurice W., Detroit Police	278	
Herron, James R., New York N. G.	278	
Reeves, Harry W., Detroit Police	277	
O'Connor, Francis M., Kan. City Police	276	

Official Bulletin No. 78

.45 Caliber Restricted Class Pistol Match

117 Entries

Course—The National Match Course.

MEDAL WINNERS

<i>Name and Organization</i>		<i>Score</i>
Barkley, Wilbur, Los Angeles Police	276	
Haley, Frank G., Los Angeles Police	257	
Wilkinson, Dorance O., Tex. State Police	252	
Finnegan, Walter E., Capt. Cav.	251	
Hildton, Hilbert O., 1st Sgt. Inf.	251	
Stipp, Harry G., U. S. Navy	250	
Hall, John W., 1st Sgt. Okla. N. G.	250	
Hamilton, Edwin L., 2nd Lt. U. S. M. C.	247	
Wall, Thomas F., 1st Lt. Inf.	246	
Snyder, Arthur G., American Legion Gold	246	

The National Individual Pistol Match

Official Bulletin No. 91

668 Entries

When Fired—Monday, September 5, 1938.
Course—First Stage: Slow fire, 50 yards—Standard American 50-yard target, 2 scores (5 shots each); 1 minute per shot. Second Stage: Timed fire, 25 yards—Standard American 50-yard target with only the 9 and 10 rings, blacked, known as the "25-yard rapid-fire pistol target," 2 scores (5 shots each); 20 seconds per score. Third Stage: Rapid fire, 25 yards—Standard American 50-yard target with only the 9 and 10 rings blacked, known as the "25-yard rapid-fire pistol target," 2 scores (5 shots each); 10 seconds per score.

WINNER OF THE GENERAL CUSTER TROPHY AND GOLD MEDAL OR BAR

Name and Organization	50 Yd.	25 Yd.	25 Yd.	Score
Ward, C. E.	95	95	95	285
Los Angeles Police				

GOLD MEDAL WINNERS

The following men are the next high 12, not distinguished pistol shots

Name and Organization	S.F.	T.F.	R.F.	Score
Hagan, H.	92	84	96	272
Cal. Civ.				
McKone, S. A., Jr.	83	89	93	265
U.S.B.P.				
VanDoren, C. L.	81	95	89	265
Cal. Civ.				
Glattly, J. E.	83	94	88	265
Infantry				
Garr, M., Jr.	74	96	93	263
Infantry				
MacIntyre, J. L.	89	89	85	263
Detroit Police				
Mills, J. T.	83	88	91	262
Individual				
Spavor, Paul C.	83	90	89	262
St. Louis Police				
Wyman, F. L.	87	92	83	262
Ind. Washington, D. C.				
Kravitz, V. J.	91	89	82	262
Sgt. U.S.M.C.				
Marcoux, P.	80	89	92	261
U.S.C.G.				
Kane, K.	79	91	90	260
Los Angeles Police				

The following are distinguished pistol shots awarded gold medals or bars

Name and Organization	S.F.	T.F.	R.F.	Score
Hemming, A. W.	82	94	98	274
Detroit Police				
Wheeler, M. E.	86	92	96	274
Los Angeles Police				
Tunlin, J. A.	84	95	93	272
Infantry				
Linfco, W. D.	83	96	93	272
U.S.M.C.				
Reeves, H. W.	81	92	97	270
Detroit Police				
Moore, A. N.	83	96	91	270
U.S.M.C.				
Amundsen, H. W.	79	98	92	269
Or.				
Stark, W. R.	85	93	91	269
Los Angeles Police				
Jones, E. E.	87	92	90	269
Los Angeles Police				
Tucker, J. R.	85	90	94	269
U.S.M.C.				
Clements, B. E.	83	90	94	267
U.S.M.C.				
Blazjevski, S.	85	93	89	267
Cav.				
Starkey, B. L.	81	95	90	266
Los Angeles Police				
Allen, T. H.	79	91	95	265
Infantry				
Kellerman, A. F.	80	92	93	265
Cav.				
Goulden, P.	77	96	92	265
U.S.C.G.				
Box, M. T.	84	91	90	265
U.S.B.P.				
Warshal, W.	83	93	89	265
Individual				
Jensen, J. B.	84	90	90	264
Cav.				
Lalonde, M. W.	77	95	91	263
Detroit Police				
Pope, M. B.	80	97	86	263
U.S.M.C.				
Barrier, T. E.	70	97	95	262
U.S.M.C.				
Walsh, W. H.	78	93	91	262
U.S.M.C.R.				
Scott, R. W.	78	94	90	262
Individual				
Hinds, S. R.	77	96	88	261
Ind. Capt. 11th Inf.				

SILVER MEDAL WINNERS

The following are the next high 24, not distinguished pistol shots

Name and Organization	S.F.	T.F.	R.F.	Score
Greer, E. L.	84	92	94	260
U.S.M.C.R.				

Name and Organization	S.F.	T.F.	R.F.	Score
Bates, D. E.	81	87	91	259
K. C. Police				
Wilkinson, J. H.	78	91	90	259
U.S.B.P.				
Bakutis, W. S.	81	90	88	259
U.S.C.G.				
Mattson, P. J.	83	88	88	259
Cav.				
Hawes, P. W.	82	91	85	258
U.S.M.C.				
Hill, T.	73	92	92	257
St. Louis Police				
Miller, R. W.	82	89	85	256
Hawaii Civ.				
Hamlin, E. L.	77	89	89	255
Miami Police				
Barkley, W. D.	77	90	88	255
Los Angeles Police				
Watson, H. P.	79	93	83	255
Cav.				
Stark, W. E.	87	86	82	255
W. Va. State Police				
O'Connor, F. M.	76	91	87	254
K. C. Police				
Price, G. R.	79	90	85	254
Cal. Civ.				
Noyes, M. F.	81	88	85	254
Ind.				
Goerfer, R. F.	76	94	84	254
Los Angeles Police				
Wilson, K. A.	89	81	84	254
U. S. Treasury				
Park, E. G.	85	87	82	254
Wash. N. G.				
Rhoads, J. E.	77	85	91	253
Phila. Police				
Kross, G.	75	90	88	253
U.S.M.C.				
Jubenville, V. G.	72	94	87	253
Ind.				
Topper, A. G.	73	93	87	253
Inf.				
Sommers, P. H.	75	91	87	253
Ind.				
Phelps, H. G.	79	89	85	253
Ind.				

The following are distinguished marksmen awarded silver medals or bars

Name and Organization	S.F.	T.F.	R.F.	Score
Askins, C., Jr.	76	92	91	259
Ind.				
Knesek, L. D.	77	94	88	259
U.S.B.P.				
Hedden, W. A.	73	91	94	258
Inf. Ind.				
Schneeman, R. E.	79	93	86	258
U.S.M.C.				
Wilzewski, R. V.	78	88	91	257
Ind.				
Engbrecht, J. J.	79	91	87	257
Los Angeles Police				
Alligood, J. Q.	89	81	87	257
U.S.C.G.				
Chaney, R. D.	79	85	91	255
U.S.M.C.				
Williams, H. J.	74	91	90	255
U.S.C.G.				
Noland, G. L.	80	88	87	255
Ind.				
Evans, B. A.	80	91	84	255
N. Y. N. G.				
Shaffer, X. B.	82	89	84	255
Vet. Res. Ind.				
Dicks, J. O.	76	91	87	254
Los Angeles Police				
Hankins, J. F.	83	91	80	254
U.S.M.C.R.				
Wilson, M. O.	73	94	86	253
U.S.C.G.				

BRONZE MEDAL WINNERS

The following are the next high 36 not distinguished pistol shots

Name and Organization	S.F.	T.F.	R.F.	Score
Snyder, A. G.	79	93	81	253
Aml. Civ. Tm. Gold				
Bartley, W. E.	79	86	87	253
9CA. C.M.T.C.				
Flaugh, F. M.	77	89	86	252
Los Angeles Police				
Baldwin, P. H.	75	94	83	252
Miami Police				
Huddleston, G.	78	92	82	252
Inf.				
Corr, J. P.	82	93	77	252
Phila. Police				
Applegate, W.	76	85	90	251
Phila. Police				
Haley, F. G.	72	90	89	251
Los Angeles Police				
Matyas, A. A.	75	88	88	251
Cav.				
Stipp, H. G.	70	93	88	251
Ind.				
Rau, C. G.	77	86	88	251
Inf.				
Parker, G. W.	71	94	86	251
Ariz. Civ.				
Walsh, E. J.	76	90	85	251
N. Y. N. G.				
Michael, F.	76	91	84	251
Cal. Civ.				

Name and Organization	S.F.	T.F.	R.F.	Score
Reynolds, W. D.	77	91	83	251
Cav.				
Crosby, P. K.	78	91	82	251
U.S.B.P.				
Perna, V.	77	93	81	251
U.S.M.C.				
Marshall, R. S.	83	88	80	251
Ind.				
Hurlbert, W. E.	71	87	92	250
Jacksonville Police				
Franano, J.	78	89	82	249
K. C. Police				
Mitchel, T. R.	81	91	77	249
U.S.M.C.				
Holz, E. W.	81	92	76	249
Cav.				
Meitzer, P. C.	62	95	91	248
U.S.M.C.				
See, H. S.	74	86	88	248
Eng. Res. OR.				
Streeter, H. S.	77	88	83	248
Cav.				
Ball, W. A.	86	83	79	248
N.Y. N.G.				
Carr, T. M.	81	94	73	248
Los Angeles Police				
Hamilton, E. L.	76	84	87	247
U.S.M.C.				
Stubbs, F.	76	85	86	247
St. Louis Police				
Rumsey, L. M.	79	83	85	247
Ind.				
Swanson, E. O.	76	86	83	247
U.S.M.C.R.				
Harrison, C. F.	78	86	83	247
Cav.				
Taylor, M. G.	79	87	81	247
Ind.				
Worth, E. H.	79	86	80	247
Mass. Civ.				
Imler, T. V.	75	82	89	246
Ariz. N. G.				
Schneck, E.	83	90	73	246
Ind.				

The following are distinguished marksmen awarded medals or bars

Name and Organization	S.F.	T.F.	R.F.	Score
McCullough, G. S.	80	91	81	252
Ind.				
Grider, R. R.	83	89	79	251
Cav.				
Loyd, F. R.	72	90	88	250
Ind.				
French, J. P.	74	91	85	250
Ind.				
Herrick, W. T.	76	90	84	250
Vt. Civ.				
Berish, J. J.	84	86	80	250
Eng.				
Shapiro, A.	76	85	88	249
Det. Police				
Palmer, R. D.	76	90	83	249
Cav.				
Adams, H. J., Jr.	77	90	82	249
U.S.M.C.R.				
Herron, J. R.	74	87	87	248
N.Y. N.G.				
Bracken, R. C.	76	85	87	248
Ind.				
Snyder, M. D.	81	87	79	247
Ind.				
Jones, J. J.	66	87	93	246
U.S.M.C.R.				
Lah, W.	70	85	91	246
Ind.				
Brown, V. F.	73	88	85	246
U.S.M.C.				
Jost, J. F.	75	88	83	246
U.S.M.C.R.				
Agramonte, P. H.	81	85	80	246
N.Y. N.G.				

Official Bulletin No. 99

International Pistol Team Match

Course—Five shots slow-fire on each of four Standard American Pistol Targets. Standard American 20 Yard Pistol Target to be used. The .22 Caliber pistol or revolver as per N. R. A. Rules.

UNITED STATES TEAM

Name and Organization	Score
Reeves, Harry, Detroit Police Dept.	184
Engbrecht, J., Los Angeles Police Dept.	185
Echols, L., U. S. Treasury Dept.	175
Hemming, A. W., Detroit Police Dept.	187
Young, Geo., Buffalo, N. Y.	184
Meloche, A., U. S. Treasury Dept.	172
O'Connor, F., Kansas City Police Dept.	186
Askins, Chas., New Mexico National Guard.	178
Jones, E. E., Los Angeles Police Dept.	185
Walsh, Walter, Officers Reserve Corps.	179

U. S. Team Total..... 1815

Captain: Walter Day
Adjutant: Capt. S. R. Hinds, U. S. Inf.
Alternates: Chas. Stanton
T. E. Jones

Canada's Team Total.....	1692
Great Britain's Team Total.....	1683
Cuba's Team Total (Not yet reported)	

National Pistol Team Match

Official Bulletin No. 94

37 Entries

Course—First stage: Slow fire, 50 yards—Standard American 50-yard target, two scores (five shots each); one minute per shot. Second stage: Timed fire, 25 yards—Standard American 50-yard target with only the nine and ten rings blacked, known as the "25-yard rapid fire pistol target," two scores (five shots each); 20 seconds per score. Third stage: Rapid fire, 25 yards—Standard American 50-yard target with only the nine and ten rings blacked, known as the "25-yard rapid-fire pistol target," two scores (five shots each); 10 seconds per score.

WINNER OF THE GOLD CUP AND MEDALS

Name	50 Yd.	25 Yd.	25 Yd.	Total
	S.F.	T.F.	R.F.	Score

1. INFANTRY PISTOL TEAM

Rau, Charles G. (Captain)				
Allen, Thomas H. (Coach)				
Topper, Arthur O. (Alternate)				
Glatty, James E.	86	94	91	271
Allen, Thomas H.	86	88	90	264
Tumlin, James A.	87	95	87	269
Garr, Mack.	77	95	93	265
Huddleston, Garfield.	79	98	89	266

1335

2. LOS ANGELES POLICE

Jones, E. E. (Captain)				
Starkey, B. L. (Coach)				
Kane, K. (Alternate)				
Starkey, B. L.	84	89	86	259
Carr, T.	85	89	82	256
Barkley, W. D.	79	88	94	261
Stark, W. R.	86	95	90	271
Kane K.	77	95	89	261

1308

3. U. S. MARINE CORPS

Shively, Morris L. (Captain)				
Tucker, James R. (Coach)				
Seeser, Edward V. (Alternate)				
Tucker, James R.	74	93	89	256
Barrier, Thurman E.	80	93	86	259
Schneeman, Robert E.	82	96	84	262
Moore, Albert N.	88	97	89	274
Linfoot, William D.	77	90	85	252

1303

4. CALIFORNIA CIVILIAN TEAM

Brown, Horace J., Jr., Dr. (Captain)				
Johnson, Walter P. (Alternate)				
Brown, Horace J., Jr., Dr.	83	89	78	250
Hagan, Howard.	78	96	92	266
Michael, Fred.	82	95	88	265
Price, Guthrie R., Dr.	82	93	82	257
Van Doren, Coy L.	83	94	86	263

1301

5. U. S. COAST GUARD

Dexter, D. H. (Captain)				
Bakutis, Walter S. (Coach)				
Stricklett, Sterling H. (Alternate)				
Bakutis, Walter S.	85	95	85	265
Cobb, Marcus N.	84	90	86	260
Couser, Christian R.	79	90	80	249
Mitchell, Wilfred.	74	92	86	252
Williams, Harold J.	81	89	82	252

1288

6. DETROIT POLICE

Driver, Marvin D. (Captain)				
Pickert, Heinrich (Coach)				
Dale, William (Alternate)				
Shapiro, Albert.	85	93	87	265
MacIntyre, John.	68	89	91	248
LaLonde, Maurice.	82	95	87	264
Driver, Marvin D.	78	84	80	242
Reeves, Harry.	81	94	87	262

1281

7. U. S. CAVALRY PISTOL TEAM

Phillips, James H. (Captain)				
Martin, Paul M. (Coach)				
Reynolds, William D. (Alternate)				
Blazejevski, Stanley.	84	85	84	253
Grunder, Rosko R.	87	96	84	267
Kellerman, Alex F.	71	86	82	239
Palmer, Raymond D.	77	87	86	250
Watson, Harvey P.	86	87	88	261

1270

8. U. S. IMMIGRATION B. P.

Hornyak, Frank (Captain)				
Knesek (Coach)				
Sevy, M. (Alternate)				
Carter, H. B.	79	88	86	253
Box, M. T.	73	88	85	246
McKene, S. A.	79	92	94	265
Wilkinson.	78	84	89	251
Reiman.	70	88	87	245

1260

9. SAINT LOUIS POLICE

Bosch, Nick, Jr. (Captain)				
Bosch, Nick, Jr. (Coach)				
Bosch, Nick, Jr. (Alternate)				
Name	S.F.	T.F.	R.F.	Score
Spavor, Paul C.	76	87	93	256
Yanick, Oliver.	74	94	90	258
Stubits, Frank.	87	91	93	271
Anton, Christ.	79	85	71	235
Hill, Thamer.	77	77	86	240

1260

10. MIAMI POLICE

Crews, L. G. (Captain)				
Crews, L. G. (Coach)				
Collins, J. H. (Alternate)				
Baldwin, G. E.	75	92	84	261
Baldwin, Pat H.	76	91	88	255
Collins, J. H.	68	91	80	239
Hamlin, E. L.	78	84	86	248
Stanton, C. D.	73	91	88	252

1245

11. KAN. CITY POLICE TEAM

Bates, D. E. (Captain)				
Lawrence, J. S. (Alternate)				
O'Connor, F. M.	83	91	87	261
Franano, Joe.	73	84	85	242
Ferril, L. G.	73	78	79	230
Bates, D. E.	82	86	81	249
Lawrence, J. S.	73	90	63	226

1208

12. WEST VIRGINIA STATE POLICE

Stout, Edward E. (Captain)				
Stark, William E. (Alternate)				
Beckett, William M.	69	94	92	255
Stout, Edward E.	67	87	65	219
Emrick, Lewis W.	76	90	82	248
Carson, Kit C.	80	88	78	246
Stark, William E.	72	89	77	238

1206

13. ORGANIZED RESERVE

Wade, Clearfield P. (Captain)				
Shaffer, Xenophon (Coach)				
Jury, Frank J. (Alternate)				
Parker, George W.	70	85	86	241
See, Henry S.	69	93	88	250
Malmstrom, Vincent F.	76	87	77	240
Hicker, Eugene S.	81	74	85	240
Webb, James B.	73	77	83	233

1204

14. AMERICAN LEGION

Clark, Herman T. (Captain)				
Snyder, Arthur G. (Coach)				
Wilkerson, Hosmer G. (Alternate)				
Amundsen, H. W.	88	88	85	261
Day, Walter F.	72	84	88	244
Snyder, Arthur G.	80	91	83	254
Snell, Leo W.	78	82	81	241
Perdue, Nelson.	70	67	86	203

1203

15. NEW YORK NATIONAL GUARD

Suavet, Henry E. (Captain)				
Agramonte, P. H. (Coach)				
Ball, William A. (Alternate)				
Billings, Howard J.	73	88	85	246
Walsh, Edward J.	75	94	84	253
Morisey, John B.	79	87	75	241
Bradt, David C.	74	85	81	240
Ball, William A.	73	79	71	223

1203

16. MICHIGAN CIVILIAN

Pomerance, Emil (Alternate)				
Suddarth, Jack.	68	92	82	242
Schneck, Edwin.	74	86	81	241
Taylor, Martin.	71	90	83	244
Blackhurst, Rod.	69	85	79	233
Lowery, John.	71	87	82	240

1200

17. HAWAII CIVILIAN

Miller, Ralph W. (Captain)				
Nakamura, Asasuki (Alternate)				
Perry, August P.	78	89	84	251
Miller, Ralph W.	83	92	92	267
Loo, Chow.	69	76	55	200
Anderson, Gus I. H.	62	82	83	227
Nakamura, Asasuki.	78	86	79	243

1188

18. MARINE CORPS RESERVE

Adams, Henry J., Jr. (Captain)				
McIlhenny, Walter S. (Coach)				
Fondahl, John E. (Alternate)				
Jones, John G.	67	88	82	237
McDougal, Douglas C., Jr.	65	87	78	230
Jost, John F.	65	89	78	232
Nemitz, Leland A.	62	85	83	230
Swanson, Emmet O.	82	88	85	255

1184

19. U. S. ENGINEERS

Lane, Albert L. (Captain)				
Berish, John J. (Alternate)				
Name	S.F.	T.F.	R.F.	Score
Alden, Sam E.	67	92	84	243
Merrick, Bernard V.	45	83	82	210
Raack, Paul A.	72	87	84	243
Reynolds, James M.	70	82	70	222
Berish, John J.	80	86	80	246

1164

20. TEXAS STATE POLICE

Gambill, G. W. (Captain)				
Canady, O. L. (Coach)				
McCasland, Loyce D. (Alternate)				
Cearley, Jasper L.	63	77	69	209
Chance, Calvin L.	71	82	77	230
Lawrence, Don L.	81	81	87	249
Pennington, Thomas S.	75	83	81	239
Wilkinson, Dorance O.	59	69	69	217

1144

21. OKLAHOMA NATIONAL GUARD

Barrett, Charles F. (Captain)				
Newman, Ralph C. (Coach)				
Partridge, Raymond L. (Alternate)				
Barrett, Charles F., Jr.	52	80	69	201
McDaniel, Homer C.	42	83	67	192
Sharpe, Thomas J.	81	97	82	260
Hall, John W.	69	82	83	234
Kelly, Thomas C.	71	97	84	252

1139

22. CALIFORNIA NATIONAL GUARD

Hardy, D. P. (Captain)				
Roberts, P. J. (Coach)				
Roe, T. J. (Alternate)				
Bergmann, R. F.	74	77	81	232
Groves, W. F.	63	91	69	223
Teel, S. D.	65	80	73	218
Crossman, E. B.	86	84	72	242
Roe, T. J.	70	74	69	213

1126

23. PHILADELPHIA POLICE

Applegate, Wm. (Captain)				
Weiss, Wm. (Alternate)				
Louis, Jas.	64	55	50	169
Cartes, Aron.	52	86	77	215
Applegate, Wm.	71	86	93	230
Corr, Jos. P.	78	78	85	241
Rhoads, John.	69	87	85	241

1116

24. PENN. CIVILIAN PISTOL TEAM

Robbins, Chas. F. (Captain)				
Robbins, Charles F. (Alternate)				
Rodkey, John L.	69	64	69	202
Kelly, John B.	81	74	83	238
Code, Chas. J.	77	85	87	249
Ridge, Edward S.	60	66	49	175
Woodward, Reynolds E.	72	84	80	236

1100

25. WASHINGTON NATIONAL GUARD

Kenney, Irven W. (Captain)				
Stoddard, Lloyd V. (Coach)				
Dicarlo, Joseph J. (Alternate)				
Harrison, Fred L.	70	89	76	235
Park, Edwin G.	66	92	68	226
James, Paul C.	61	79	75	215
Gay, John E.	64	69	74	207
Russell, Robert J.	60	85	67	212

1095

26. INDIANA NATIONAL GUARD

Middleton, Basil (Captain)				
Harter, Paul D. (Coach)				
Hendricks, Don (Alternate)				
Houek, John F.	72	83	74	229
Smith, Bernard L.	54	83	63	200
Brown, Bernard A.	68	73	70	211
Zornes, Charles.	77	89	74	240
Hendricks, Don.	66	82	60	208

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27. ILLINOIS STATE POLICE

Bentley, Howard H. (Captain)				
Verna, Tulio (Coach)				
Verna, Tulio (Alternate)				
Amlung, Albert.....	50	85	75	210
Knapp, Robert.....	72	85	82	239
Meyer, George, Jr.....	59	86	66	211
Schneider, Joseph.....	65	77	85	227
Vaughn, Walter J.....	58	70	72	200

The National Individual Rifle Match

Official Bulletin No. 95

1983 Entries

Course—First stage: Slow fire, 200 yards—target "A." Ten shots standing. Time limit, 1 minute per shot. No sighting shots. **Second stage:** Rapid fire, 200 yards—target "A." Ten shots. Kneeling or sitting, from standing. Time limit, 1 minute. Battle sight or leaf sight may be used. **Third stage:** Rapid fire, 300 yards—target "A." Ten shots. Prone from standing. Time limit, 1 minute 10 seconds. Battle or leaf sight may be used. **Fourth stage:** Slow fire, 600 yards—target "B." Ten shots. Prone. No sighting shots. No artificial rest. Time limit, 1 minute per shot. **Fifth stage:** Slow fire, 1000 yards—target "C." Twenty shots. Prone. No sighting shots. No artificial rest. Time limit, 1½ minutes per shot. Service rifle. Sights: service.

WINNER OF THE "DANIEL BOONE" TROPHY AND GOLD MEDAL

Name and Organization	S	R	R	S	S	T.
Holland, M. J.	48	50	45	49	95	287
Cpl. U.S.M.C.						

GOLD MEDAL WINNERS

The following are the high 15 not distinguishing Riflemen

Name and Organization	S	R	R	S	S	T.
Skonieczny, B. J.	46	50	48	50	93	287
Pic. Cav.						
Jenkins, L. P.	45	48	49	50	93	285
Sgt. Inf.						
Roth, R. T.	48	50	46	48	93	285
Pic. Cav.						
Ibach, R. L.	48	48	47	49	92	284
Wis. Civ.						
Rogers, V. E.	43	50	46	49	95	283
Mont. Civ.						
Jacobson, G. L.	44	49	47	48	95	283
Ore. Civ.						
Culver, C. H.	45	49	48	49	92	283
Sgt. Inf.						
Comstock, H.	47	48	48	48	92	283
Cal. Civ.						
Jordan, W. L., Jr.	45	49	46	49	93	282
Pic. U.S.M.C.						
Hamblen, B.	47	49	45	48	93	282
Sgt. Inf.						
Wittig, H. E.	44	48	44	48	97	281
Sgt. Inf.						
Clark, W. A.	46	47	47	46	95	281
1st Sgt. Tenn N. G.						
Magill, R. W.	47	47	47	46	94	281
Pic. Cav.						
Hubbard, L. W., Jr.	46	49	47	45	94	281
Ala. Civ.						
Carbone, C. L.	45	50	45	50	91	281
Penn. Civ.						

The following are distinguished rifle marksmen awarded gold medals or bars

Name and Organization	S	R	R	S	S	T.
Reynolds, J. M.	47	49	50	46	94	286
2nd Lt. Eng.						
Disco, S.	49	49	47	49	92	285
Sgt. U.S.M.C.						
Reynolds, W. D.	47	48	49	50	91	285
Sgt. Cav.						
Harris, C. N.	44	48	47	48	97	284
Plt. Sgt. U.S.M.C.						
Brown, V. F.	44	49	48	49	94	284
Sgt. U.S.M.C.						
Christensen, H.	45	50	46	49	94	284
Sgt. Cav.						
Anderson, C. J.	44	50	50	48	91	283
Plt. Sgt. U.S.M.C.						
Dawson, L.	45	47	46	48	96	282
Sgt. Inf.						
Jones, T. J.	46	48	43	50	95	282
Mgt. Sgt. U.S.M.C.						
Berish, J. J.	45	48	48	49	92	282
Sgt. Eng.						
Yeszarski, E.	45	49	48	48	92	282
Sgt. Cav.						
Walsh, W. R.	48	50	44	47	92	281
1st Lt. U.S.M.C.R.						

SILVER MEDAL WINNERS

The following are the next high 25 not distinguishing rifle marksmen

Name and Organization	S	R	R	S	S	T.
Couser, C. R.	46	50	46	48	91	281
Ensign U.S.C.G.						
Lea, Ellis M.	45	49	50	49	88	281
W. Va. St. Police						
Abel, N. D.	46	46	43	50	95	280
2nd Lt. Fla. N. G.						
Ontai, Halley	43	49	45	49	94	280
Sgt. Hawaii N. G.						
Matyas, A. A.	43	49	45	49	94	280
1st Lt. Cav.						
Anstler, R. T.	44	48	48	48	92	280
Sgt. Inf.						
White, Wm. W.	45	49	46	49	91	280
Pic. Inf.						

Name and Organization	S	R	R	S	S	T.
Taylor, L. B.	44	50	49	48	89	280
2nd Lt. Ore.						
Wickersham, George G.	45	46	44	46	98	279
Individual (Mich.)						
Lane, Arthur J.	45	47	45	45	97	279
Cpl. Inf.						
Wilkinson, Joseph H.	45	45	46	47	96	279
Individual (Mich.)						
Davis, Frank R.	43	47	47	46	96	279
Stetther, Willie A.	40	49	47	48	95	279
Cpl. Inf.						
Patterson, John H.	38	49	48	50	94	279
Cpl. Inf.						
Meekins, Manson E.	43	49	45	48	94	279
Surfman U.S.C.G.						
Pettigrew, Parker O.	44	47	47	48	93	279
Pic. U.S.M.C.						
Gothard, William H.	46	46	46	48	93	279
Sgt. Inf.						
Marcoux, Peter	40	50	49	47	93	279
G.M. I.C. U.S.C.G.						
Barnes, Thomas R.	46	47	46	47	93	279
Cal. Civ.						
Thompson, Vernon	45	48	45	49	92	279
N. Dak. Civ.						
Doucet, Wills J.	46	49	44	48	92	279
Sgt. Inf.						
Haugum, Johannes J.	46	47	48	47	91	279
Wyo. Civ.						
Fish, Lellie W.	45	47	48	49	90	279
Fild, Claude L., Jr.	44	50	47	49	89	279
Pic. U.S.M.C.						
Harper, Twyman C.	44	46	47	50	82	279
New. Civ.						

The following are distinguished riflemen awarded silver medals or bars

Name and Organization	S	R	R	S	S	T.
Gallman, Oscar L.	44	50	47	49	91	281
Sgt. Inf.						
Barrier, Thurman E.	46	50	46	48	91	281
Sgt. U.S.M.C.						
Stevenson, Hugh W.	44	48	45	49	94	280
1st Lt. Cav.						
Jost, John F.	47	50	48	41	94	280
Gy. Sgt. U.S.M.C.R.						
Phinney, Waldo A.	45	48	47	47	93	280
Sgt. U.S.M.C.						
Wills, Charles W.	45	50	47	47	91	280
Sgt. Inf.						
Chaney, Raymond D.	46	49	47	47	91	280
Sgt. U.S.M.C.						
Schneeman, Robert E.	46	48	47	50	89	280
Sgt. U.S.M.C.						
Manin, Harry A.	45	42	46	49	97	279
2nd Lt. N. Y. N. G.						
Kellerman, Alex F.	46	48	44	48	93	279
Sgt. Cav.						
Shoemaker, Carl V.	46	45	48	48	92	279
Capt. Ore. N. G.						
Moore, Floyd E.	45	47	48	49	90	279
Sgt. U.S.M.C.						
Upshaw, Gairie M.	46	47	48	48	90	279
Individual (Ore.)						

BRONZE MEDAL WINNERS

The following are the next one hundred not Distinguished Riflemen

Name and Organization	S	R	R	S	S	T.
Dean, John W.	39	49	45	48	97	278
Texas Civ.						
Robbins, Lee D.	46	46	46	47	93	278
Sgt. Nev. N. G.						
Giacobbe, Wadie	42	47	47	50	92	278
Cpl. Inf.						
Mooney, John R.	44	45	48	49	92	278
Ill. Civ.						
Curtis, Benjamin C.	42	48	47	49	92	278
Cpl. Ill. N. G.						
Adams, Charles R.	44	48	47	47	92	278
N. H. Civ.						
Morris, Howard A.	46	48	43	50	91	278
2nd Lt. Eng.						
Kinney, Du Pont G.	44	48	47	91	278	
1st Lt. Ga. N. G.						
Frazer, James G.	44	50	46	47	91	278
1st Lt. U.S.M.C.						
Wlasenko, Jacob	45	48	47	48	90	278
Cpl. Cav.						
Dixon, Edward W.	45	48	47	49	89	278
Cal. Civ.						
Herron, James R.	45	47	49	48	89	278
2nd Lt. N. Y. N. G.						
Lessard, William G.	41	48	44	48	96	277
Sgt. N. G.						
Phelps, Howard C.	45	46	45	45	96	277
Cpl. Inf.						
Platt, Bruce H.	42	48	45	48	94	277
2nd Lt. U.S.M.C.R.						
Lammli, Arthur T.	45	48	44	46	94	277
Individual						
Brown, Donald A.	44	46	48	45	94	277
U.S.C.G.						
Markle, Norman K., Jr.	44	47	46	47	93	277
1st Lt. Cav.						
Herrick, William T.	45	47	45	47	93	277
Vt. Civ.						
Hahn, Howard G.	47	48	42	47	93	277
6th C.A.R.O.T.C.						

Name and Organization	S	R	R	S	S	T.
Newman, Ralph C.	44	48	46	46	93	277
Okla. N. G.						
Nemitz, Leland A.	45	47	43	50	92	277
Cpl. U.S.M.C.R.						
Sancomb, Tom H.	45	49	43	48	92	277
Am. L., White						
Gieseke, William H.	45	48	45	49	90	277
Ore. N. G.						
Mason, Charles	41	50	49	47	90	277
N. Y. N. G.						
Huntington, Robert H.	44	50	46	50	87	277
Cpl. Inf.						
Shaw, Samuel R.	46	48	49	50	84	277
1st Lt. U.S.M.C.						
Paegel, Laurel E.	42	46	42	49	97	276
Minn. Civ.						
Hurt, James W., Jr.	43	45	44	49	95	276
Ind. Civ.						
Huntley, Daniel S.	43	47	44	47	95	276
Pic. Inf.						
Hornberg, Jalmer T.	44	46	44	48	94	276
Wash. Civ.						
Morgan, John P.	40	49	44	50	93	276
Col. Civ.						
Brewer, Don C.	46	46	43	49	92	276
Sgt. U.S.M.C.R.						
Harrington, Ed.	44	49	44	47	92	276
N. Mex. Civ.						
Campbell, Elden C.	43	50	45	47	91	276
Mass. N. G.						
Gayne, Arthur G.	46	48	44	47	91	276
Sgt. Cav.						
Jones, John R.	43	48	48	46	91	276
Cpl. Cav.						
Kjelstrom, William C.	46	46	46	48	90	276
Sgt. Inf.						
Kopp, William H.	43	47	49	47	90	276
G.M.M., U.S.C.G.						
Carazza, Alfred C.	46	49	48	43	90	276
Pvt. U.S.M.C.						
Kaminsky, Joseph	44	48	45	50	89	276
Sgt. Inf.						
Stewart, Robert L.	46	46	47	48	89	276
La. N. G.						
Hawthorne, Berry W.	45	49	46	47	89	276
B.M. 2C., U.S.C.G.						
Hammer, Vere F.	46	48	47	46	89	276
Individual						
Lloyd, Tony B.	45	49	48	46	88	276
2nd Lt. O.R.C.						
Morgan, Oliver D.	44	49	47	49	87	276
Sgt. Cav.						
Alves, Jack V.	47	48	47	47	87	276
Conn. Civ.						
Johansen, Fred	41	47	45	49	93	275
Ill. Civ.						
Spicknall, Wm. L.	45	48	40	49	93	275
2nd Lt. Md. N. G.						
Reed, Edward S.	45	49	42	46	93	275
Penn. Civ.						
Bartley, Wm. E.	43	49	45	47	91	275
9th C.A., C.M.T.C.						
Rawlins, Spencer W.	44	49	45	46	91	275
Individual						
Teel, Sam D.	45	47	47	45	91	275
1st Lt. N. G.						
Johns, Verlan R.	43	48	46	48	90	275
Minn. N. G.						
Becker, Lewis E.	44	47	46	48	90	275
Colo. Civ.						
Raines, Herman L.	44	48	45	48	90	275
Sgt. Eng.						
Hastings, Clinton B.	45	48	44	48	90	275
8th C.A., C.M.T.C.						
Johnson, Ewing C.	45	49	45	46	90	275
1st Lt. Cav.						
Szobota, Steve	43	50	45	48	89	275
Sgt. Cav.						
Moore, Ralph W.	45	50	46	45	89	275
Am. L., White						
Cool, T. J.	44	49	47	48	87	275
Sgt. Inf.						
Maguire, R. F.	46	49	47	46	87	275
3 C.A., C.M.T.C.						
Moss, C. R.	46	47	50	47	85	275
Capt. U.S.M.C.						
Brown, Coats	42	47	42	47	96	274
Sgt. Cav.						
Wood, F. C.	43	46	43	46	96	274
Tex. Civ.						
Meyer, E. H.	41	46	47	46	94	274
Minn. N. G.						
Hoyt, W. C., Jr.	39	47	48	48	93	274
U.S.M.C. Res.						
Yorgaloch, T. T.	42	46	47	46	93	274
Penn. N. G.						
Curry, M. E.	47	46	43	45	93	274
Ariz. N. G.						
Henderson, W. L.	45	45	44	48	92	274
Am.L., Blue						
Montgomery, J. V.	43	48	45	46	92	274
Ne. Civ.						
File, Hue B.	43	47	47	45	92	274
Cpl. Inf.						
Smiley, Wm. A., Jr.	44	43	47	49	91	274
Kan. Civ.						
Allen, Ernest M.	42	47	45	49	91	274
Mass. N. G.						
King, William F.	46	43	47	47	91	274
Cpl. Cav.						
Terry, R. B.	44	47	46	47	90	274
N. Y. Civ.						
Rogers, C. H.	45	48	45	46	90	274
Vt. Civ.						
Hamilton, E. L.	43	47	46	49	89	274
U.S.M.C.						
Robinson, R. J.	44	46	48	47	89	274
Idaho Civ.						

Name and Organization	S	R	R	S	S	T.
Ward, T. B. Jr.	200	200	300	600	1000	274
Tex. N. G.						
Hageny, Mark C.	46	45	48	50	85	274
Ga. N. G.						
Mutik, Adam J.	45	49	47	48	85	274
Sgt. Inf.						
Hooper, P. L.	46	50	46	47	85	274
Tex. N. G.						
Snell, Leo H.	46	45	42	46	94	273
Am. L. Blue						
Webb, Paul L.	41	47	44	48	93	273
W. Va. N. G.						
Hollinger, C. E.	44	42	48	46	93	273
Wash. N. G.						
Bradt, D. C.	41	46	47	46	93	273
N. Y. N. G.						
Thibodeaus, R. G.	44	45	45	46	93	273
La. N. G.						
Einstein, H. B.	43	45	45	48	92	273
U.S.M.C. (Ind.)						
Horn, Norman G.	43	46	44	48	92	273
Ark. Civ.						
Wiesner, Marvin K.	44	47	43	47	92	273
Ia. Civ.						
Zimmer, U. G.	45	46	44	46	92	273
N. Dak. Civ.						
Stolebarger, E. R.	46	46	44	45	92	273
Individual						
Driscoll, J. J.	42	46	46	48	91	273
N. Y. N. G.						
Stickel, M.	40	49	48	45	91	273
Cpl. Cav.						
Jackson, J. C.	42	45	47	49	90	273
Tenn. N. G.						
Snyder, A. G.	44	46	44	49	90	273
Am. L. Gold						
O'Hara, James	43	47	45	48	90	273
Lt. Inf.						
Schwartz, B.	43	47	46	47	90	273
Sgt. Cav.						
Kaiser, M. E.	43	50	43	47	90	273
Lt. Inf.						

The following are distinguished riflemen awarded Bronze Medals or bars

Name and Organization	S	R	R	S	S	T.
Jessup, Wilbur L.	45	47	45	45	96	278
Sgt. U.S.M.C.						
Willoughby, Julius D.	46	45	47	50	90	278
Gy. Sgt. U.S.M.C.R.						
Jones, Rudolph	44	50	47	47	90	278
Sea. I.C., U.S.C.G.						
Grider, Rosco R.	49	49	46	46	88	278
Sgt. Cav.						
Rawlings, Clifford W.	46	49	46	50	87	278
Cpl. U.S.M.C.						
Roberts, Paul J.	43	49	43	47	95	277
Capt. Cal. N. G.						
Harker, Kenneth E.	49	49	44	47	94	277
Pit. Sgt. U.S.M.C.						
Parsons, Harry B.	42	49	48	45	93	277
Sgt. D. C. N. G.						
Harrison, Fred L.	41	50	48	46	92	277
Capt. Wash. N. G.						
Zumbrunn, Emil E.	45	48	45	48	91	277
Kan. Civ.						
Boudinot, Henry M.	43	50	47	48	89	277
2nd Lt. D. C. N. G.						
Raack, Paul A.	43	48	50	47	89	277
St. Sgt. Eng.						
Goulden, Paul.	45	49	48	47	88	277
C.B.M., U.S.C.G.						
Hamel, William G.	44	46	47	46	93	276
Sgt. Cav.						
Jensen, Just C.	46	48	47	44	91	276
Maj. D. C. N. G.						
Hankins, Joseph F.	45	48	47	47	89	276
Capt. U.S.M.C.R.						
Mitchell, Wilfred	44	49	42	48	92	275
Gunner, U.S.C.G.						
Weissenberger, G. J.	45	46	46	47	91	275
2nd Lt. U.S.M.C.						
Swanson, Emmet O.	47	49	45	44	90	275
1st Lt. U.S.M.C.R.						
Seaser, Edward V.	47	50	48	46	84	275
Pit. Sgt. U.S.M.C.						
Park, Edwin G.	45	45	44	45	95	274
St. Sgt. Wash. N. G.						
Gassman, Fred L.	44	44	46	48	92	274
Sgt. Tex. N. G.						
Thill, Alex J.	43	48	44	49	90	274
St. Sgt. D. C. N. G.						
Perna, Vito	41	49	46	48	90	274
Pic. U.S.M.C.						
Davidson, William W.	42	48	46	48	90	274
Capt. U.S.M.C. Ind.						
Kravitz, Valentine J.	44	46	46	48	90	274
Sgt. U.S.M.C.						
Jury, Frank J.	45	49	44	46	90	274
1st Lt. O.R.C.						
Lowe, Oddis L.	43	46	47	49	89	274
Sgt. Inf.						
Palmer, Frank	42	50	46	48	88	274
S. Sgt. Inf.						
Jones, John G.	45	49	47	47	86	274
Sgt. U.S.M.C.R.						
Merrick, Bernard V.	45	50	46	47	86	274
Mr. Sgt. Eng.						
Rusk, Donald R.	47	49	47	47	84	274
Sgt. U.S.M.C.						
Pulver, William F.	40	47	42	49	95	273
M.G.V. Sgt. U.S.M.C.						
Holland, Delbert D.	45	46	42	46	94	273
1st Lt. Ore. N. G.						
Dovine, Walter L.	43	46	44	48	92	273
Cpl. U.S.M.C.						
Hartleroad, Frank G.	42	47	46	47	91	273
Capt. N. J. N. G.						
Throckmorton, John L.	44	50	43	45	91	273
1st Lt. Inf.						
Bucknell, Earle H.	43	47	45	48	90	273
Wash. Civ.						

National Pistol Team March

(Continued from page 58)

Name	Yd.	Yd.	Yd.	Total
S.F.	T.F.	R.F.	Score	
29. ILLINOIS CIVILIAN PISTOL				
Townsend, Clyde K. (Captain)				
Sage, George K. (Alternate)				
Eade, Earl K.	67	72	68	207
Findley, John S.	58	71	14	143
Larsen, Ralph B.	83	89	90	262
Mooney, John R.	60	88	80	228
Sage, George K.	76	80	72	228
30. MAINE CIVILIAN				
Howe, Louis (Captain)				
Ebbeson, Richard (Coach)				
Chenover, Charles (Alternate)				
Cartledge, Winfield	79	81	61	221
Ebbeson, Arvid	79	83	65	227
Ebbeson, Richard	78	80	69	227
Huntington, Charles	63	80	70	213
Jarvis, Francis	62	68	42	172
31. PENNSYLVANIA NATIONAL GUARD				
Reynolds, Robert C. (Captain)				
Sanders, Harley M. (Coach)				
Wislocki, Paul P. (Alternate)				
Reynolds, Robert C.	68	91	73	232
Nelson, R. K.	48	70	59	177
Wilson, Frank J.	46	75	53	174
Francis, William W.	65	80	58	203
Brehm, Ira J.	73	63	63	199
32. OREGON NATIONAL GUARD				
Irwin, Clifton M. (Captain)				
Spooner, Langdon H. (Coach)				
Spooner, Langdon H. (Alternate)				
George, John D.	70	88	56	214
Plank, George M.	51	67	62	180
Hardt, Edward J.	66	70	76	212
Jones, Bernard P.	68	59	62	189
Holland, Delbert D.	64	55	60	179
33. OHIO CIVILIAN				
Field, Ralph E. (Captain)				
Miller, Edwin T. (Coach)				
Kuehn, LeRoy F. (Alternate)				
Field, Ralph E.	68	78	62	208
Randall, Shirley J., Mr.	56	38	41	135
Kallensee, Charles G.	73	64	83	220
Buckner, Leslie M.	60	69	46	175
Kuehn, LeRoy F.	63	70	74	207
34. RHODE ISLAND NATIONAL GUARD				
Skinner, F. Snowden (Captain)				
Donahue, Frederick W., Jr. (Alternate)				
Sullivan, John J.	69	82	52	203
Glodell, Leroy M., Jr.	49	52	61	162
Tucker, Percy E.	60	61	44	165
Beech, Fred P.	49	73	71	193
Sevigny, Leo	71	79	36	186
35. VIRGINIA CIVILIAN				
Strailman, Gilbert T. (Captain)				
Sandefur, Harry S. (Coach)				
Kirchner, Jacob F. (Alternate)				
Strailman, Gilbert T.	59	63	64	186
Havens, Oscar	44	65	62	171
Dewey, William E.	52	66	52	170
Lane, William R.	37	55	70	162
Kirchner, Jacob F.	33	35	10	78
36. SOUTH CAROLINA CIVILIAN				
Reed, Charlsie (Captain)				
Maloue, E. H., Jr. (Alternate)				
Stewart, James R.	64	82	49	195
Martin, Robert H.	49	69	49	167
Rosenberg, George	72	52	19	143
Powell, Ted R.	22	21	37	80
Kelley, James A.	58	55	37	150

NOTICE

A supplementary bulletin showing the winners of all state awards in the N. R. A. 30 Caliber matches will be published in the November issue of THE AMERICAN RIFLEMAN.

International Small Bore Marches

(Continued from page 45)

Official Bulletin No. 87

International Railwaymen's Match

Course—Dewar.

The United States Team Scores

Name	Coach	Score
Don C. Brewer	H. E. Pierson	397-20X
H. D. Allyn	H. Haase	396-25X
C. L. Jackson	D. E. Jacoby	396-22X
F. R. Lesney	C. G. Brown	395-18X
R. S. Brown	J. W. Jurt, Jr.	395-14X
Harry P. Rettinger	Reid Nebinger	394-18X
L. M. Scott	S. G. Kennedy	394-16X
O. C. Crockett	E. V. Menefee	393-20X
Lewis C. Davis	Kap Richard	392-24X
W. C. Donaldson	M. J. Henning	392-20X
E. E. Anderson	F. G. Freshman	392-20X
R. F. Dreyer	Sam Bond	391-23X
H. R. LaChat	P. F. Grossklaus	391-17X
P. C. Frey	Mrs. Edna Donaldson	391-17X
C. D. Jorgensen	W. S. Boyer	389-16X
Geo. Randall	Donald Smith	389-7X
C. A. Kyle	E. R. Frizzell	388-15X
A. B. Lampley	C. F. Rider	387-13X
W. P. Trowbridge	D. Trowbridge	386-13X
Ted Blair	A. J. Burtcher	385-14X

United States Total.....7833

Captain—Geo. C. Schumaker

Coach—C. P. Nelson

Adjutant—Mrs. G. C. Schumaker

Official Bulletin No. 88

"400" Club International Team Match

Course—Dewar. Metallic Sights.

The United States Team Scores

Name	Coach	Score
Wm. Patriquin		400
Wm. P. Schweitzer		398
Chas. G. Hamby		398
Thurman Randle		397
Merle Israelson		397
George Braendle		395
United States Total		2385
England Total		2359
Alternate—Sam Bond.		
Captain—Eric Johnson.		
Coach—Dr. Russell Gardner.		

Official Bulletin No. 89

R. W. S. International Team Match

Course—40 shots, fired in strings of 5 shots on eight target cards, prone, 50 meters.

The United States Team Scores

Name	Coach	Score
Dave Carlson	S. T. Moore	399
John Wark	Ross Naish	397
R. D. Triggs	W. C. Kennedy	397
Ernest Pade	W. O. Breuler	397
V. F. Hamer	F. J. Paffie	396
F. O. Parker	P. E. Poe	396
C. F. Rider	Ray E. Louden	395
E. F. Menzen	E. N. Moor, Jr.	395
E. J. Doyle	J. J. Lacy	390
Charles Conrad	E. Brown	390
United States Total		3952
England Total		3915
Germany not reported.		
Alternates—M. L. Eastep.		
F. C. Hoppe.		
Team Captain—Dr. Russell Gardner.		
Coach—A. J. Yearsley.		
Adjutant—J. C. Lippencott, Jr.		

Official Bulletin No. 90

Inter-Allied Small Bore Rifle Team Match (FIDAC)

Course—20 shots, fired in strings of 5 shots on four target cards, prone.

The American Legion Team

Name	Coach	Score
Byron Putnam		199
L. A. Pope		199
C. F. Rider		198
J. W. Summerall		197
H. C. Berlin		197
Andy Yearsley		197
Thurman Randle		197
John Miller		196
Ray Louden		193
Walter Oakley		191

DOPE BAG . . .

Conducted by F. C. NESS

No-Ox-Id is a commercial protective coating for ferrous metals made of high-grade petrolatum and incorporated chemical inhibitors, by the Dearborn Chemical Company of Chicago. Samples for our salt test and practical tests (which will take 2 or 3 months) were sent in by F. L. Baker, Jr., 310 So. Michigan Ave., Chicago, Illinois. He said he had been using it in his Springfield for six months after cleaning with "a brush and a few patches" in very damp weather following the shooting of corrosive government ammunition. Might be worth trying in the proper consistency, of which there are several for various different commercial purposes. Those for guns and rifles are marked "E" and "EEE."

Hunting Rifle Target by P. J. Mayer, 3506 Hull Ave., New York City, is designed to make the impact and aim coincide while using the 6 o'clock hold. This is done by superimposing a black aiming bull on a white scoring target with its bottom edge cutting the center of the 10-ring. The samples are for 100 yards with standard small-bore scoring rings and a 6-inch aiming black above center. It is adapted for blade sights and large hunting beads. It can be similarly used with scope posts, crosshairs, small bright spark-point front sights and tiny hunting beads, although conventional center-black targets are fully as satisfactory for such sights and better for aperture sights.

Truscor Scorebook designed for small-bore shooters is a new product by Paul D. Zenns of St. Petersburg, Florida. It has fiber covers $5\frac{1}{4} \times 8$ loose-leaf bound to its fifty perforated sheets by two small snap rings. It appears to be complete in every essential detail for 50, 100 and 200 yards, and we consider it a good value at 50 cents per copy. Refills quoted on the cover inside. They are printed on both sides making 100 pages, all alike, in the book.

Freeland Fore-End Stop was received in time for announcement in the March Dope Bag. Sometime later it was fitted to our 52W just back of the band by imbedding its plated metal holder in the wood. The hand rest is held by a thumb screw, and a series of holes makes the left-hand reach adjustable. It does away with sling-pinch and makes holding with a tight sling more comfortable.

Merit Iris Apertures are so universally useful and so convenient for changing aperture dimensions they have made a definite place for themselves on the firing line of pistol and rifle ranges. The first one was an eye cup with a micrometer control of the aperture size which we have used in various receiver sights and tube sights. Recently we have used a specially fine Merit Disc for obtaining sharper focus with our glass front sights. Then there was the Merit Optical Attachment with a suction cup for the lens of shooting glasses to improve the definition of pistol sights. There was also a Merit Disc for the front sight to provide a sighting aperture of variable diameter. The latest is a similar iris aperture with adapters for Lyman, Redfield and Vaver front sights. This one is adjustable by clicks from .025 inch to .150 inch, inclusively, each click effecting a change of about .010 inch in the diameter of the aperture. The click detent locks it at the adjustment point selected. Being centered the aperture does not change the zero as its size is varied. Special aperture diameters, between those given by the arbitrary click adjustments can be achieved by the individual through judicious notch deepening with a sharp triangular file. We have found that the sharp-edged diaphragm of the Merit iris shutter promotes clear definition in aiming.

TRADE DOPE

Wood Carving. Robert E. Lee of Detroit, Michigan, advises that the "40-years experience" which he advertises belongs to an elderly relative who has had experience in the finest type of ornamental wood carving all over North America, in England, Australia and New Zealand. Any figure or design, flora or fauna, or sketch, can be reproduced. Prices will also be quoted on in-letting and shaping stocks if exact specifications and dimensions are submitted.

Portable Bench Rests of light weight and low cost can be had by getting a high-grade folding ironing-board from Howe Folding Furniture Inc., No. 1 Park Ave., New York. That is where Frank F. Virginia (N. R. A. Life Member) got his. He said they are made by Brewer-Titchener Corporation, Cortland, New York.

The C-Square Shotgun Target is designed for Luck Matches or Turkey Shoots with regulation 12-gauge trap loads at 30 yards or longer distances. There are 100 numbered squares of about $\frac{3}{8}$ -inch diameter and each is center-marked by diagonal cross lines. The winning square is that which has a pellet hit nearest the intersection of its cross lines. Ties are decided by the greatest number of pellets in the squares which tie for the win. The target also serves as a score card and record chart for the same match. Write to Edward S. Bullock, Lansdowne, Pa. He has arranged for a quantity of prize blankets this fall for merchandise matches fired on his target.

22-Lovell Oversold says C. C. Johnson of Thackery, Ohio, as he asks N. R. A. members to refrain from shipping their rifles without previous arrangement with him.

4M All Angle Vise is a Fray-Mershon product which we have appreciated in our work room. It is powerful and convenient and it is equipped with interchangeable brass and steel face plates for its jaws. It can be freely rotated or locked in any desired position. It also locks automatically as the jaws tighten. The unit, comprising jaws, track and handle, lifts out of the base for a shift to its side hole, for storage purposes or for transfer to any other base in the shop. It can be placed on its side for right-angle vise use, or employed as a clamp. Previously we had found the 3M vise adequate, but the heavier 4M has a greater capacity which is ample for practically any gun work. Fray-Mershon also have a Pilot-hole saw set for quick and accurate hole-cutting in soft materials, in a dozen sizes. The diameters range from $\frac{1}{8}$ inch to 2 inches, in $\frac{1}{8}$ -inch steps, and the prices, from \$.70 to \$1.00. The complete set with the necessary mandrel (\$1.50) costs \$12.00.

Camp Perry of 1938 was featured by uniformly fine weather, heavy attendance and well-distributed high scores. It was a distinctive meet by virtue of the greatly improved appearance and condition of the reservation and camp. As usual, new products attracted our attention and some of them, having particular appeal, are mentioned below.

Walter Roper had a new walnut stock for the .45 pistol which we tried, dry-fire, on Frank Wyman's gun and noticed its apparent penchant for maintaining sight alignment under pull or squeeze and hammer fall. Walter King had the best adjustable rear sight for the .45 pistol of any we've ever seen. It was the well-known King rear-section rib sight, heretofore applied to the Colt Woodsman slide. A National Match shooter will now want his Service pistol worked

over by Buchanan or King for Camp Perry and also equipped with an extra slide fitted with the King rear sight. Walter King is a mechanical artist, no less, who does the fine special work for D. W. King. Another desirable spot for this King rear sight is on the slides of the new target .22 autoloading pistols. The very best .22 auto-loading pistol we saw was a short-heavy-barrel, new-model High-Standard in the Westchester booth. It balances and holds beautifully. For target shooting alone it is the first short-barrel job which has ever appealed to us. It seemed appreciably superior to any of our pet weighted guns. It is clearly not a pocket gun, and cannot compete with the Pocket Woodsman in that respect.

Speaking of fine work, Joe Lampin, a very competent gunsmith of Cincinnati, impressed his interviewers very favorably as to his all-around mechanical ability, gun-knowledge and practical ideas. Tom Gresham gave us our first Camp Perry view of a gunsmith at work, because he had a power-tool shop in operation on Commercial Row. Smith & Wesson had along a new service man whose bench work greatly pleased those S. & W. shooters who took advantage of his presence, and his ability to improve actions and triggers. Colt had "Fitz", as usual, on the line doing the doctoring on Colt handguns of all types. Colt had some new carved stocks for their Match Woodsman, a target autoloader which has already started to attack existing records. Sukalle rifle barrels were on display; the first I've seen. Al Woodworth and George Curran in the Ordnance house said they had very few requests for service work on Government arms this year.

The Scope Pointer Company of Flint, Michigan, had an interesting aluminum scope stand with a dual micrometer control in the bottom of the leg nearest the shooter. In this one the V-rest is fastened flat against the scope barrel by two metal bands and two screws. Left on my B. & L. prismatic it goes into the leather case with the scope. Offset is obtained by sloping the guide part of the holder on the scope. In 12-inch prone height this scope pointer is smoothly neat, extremely convenient, light and very strong and rigid. A sturdy basic support is obtained by the wide spread of its legs. The holder is pivoted for vertical movement, and the turret-top of the base turns laterally. Because of the low position of the controls there is no reaching-up required. It folds flat and very compactly. Price is \$7.50 for any standard height up to 15 inches.

Zeppelin Arms had a light, rubber-covered fork rifle rest at only 50 cents, and a score book at the same price. The latter has a flexible and waterproofed buckram cover with a spiral wire binding. It is a $6 \times 9 \times \frac{1}{2}$ inch book designed for military shooting in five sections, each having a different color. Its sections are arranged, in order, for the 200 yard "A" target, 600 yard "B" target, 300 yard rapid fire, 200 yard rapid fire, 200 yard slow fire, 1000 yard "C" target, 600 yard "B" target, 300 yard rapid fire, 200 yard rapid fire and 1000 yard "C" target. The 10 changes are obtained by turning the book and restarting at the back, its leaves being printed on both sides. Spaces are provided and indicated for convenient logging of every conceivable kind of range dope. Plotting targets are gray to clearly show pencil dots, and the target areas are marked off in elevation minutes and in windage points. There are 15 leaves in each section making a total of 150 pages. There was a graphic display of a Springfield wrecked by a double charge of 1204 powder and a splinter-gouged pair of Safelite glasses which had adequately protected the lucky shooter's eyes.

W. H. Belz, as usual, was on Civic Center adjusting the fit of sun spectacles and shooting glasses, not excluding those of competitive make. A new tint was natural blue in three shades. For me the No. 1 shade removed some glare

(Continued on page 63)

Winchester Explains. Considerable curiosity on the part of the rifle shooting public has been expressed recently concerning the band that is now standard on our heavy barrel Model 52 target rifle equipped with the Marksman stock, and in order to satisfy this curiosity, we wish to explain just why this band was added.

For years a controversy has existed among rifle enthusiasts concerning the virtues of free floating barrels vs. the anchored barrel. As is generally known, Winchester has for years been a consistent advocate of the "anchored" method of construction obtained by the use of a snugly-fitting barrel-band and a tight forward receiver screw. When the new Model 52 "B" was being designed, it was decided, in deference to the "free-floating" advocates, to use that type of stocking in which the barrel and action is secured by means of the two receiver screws.

It was necessary to await the extensive tests of our regular production before we could definitely decide which of the two methods was the better when applied to mass production. Our subsequent tests along this line left no room for doubt that our original method was better. Some rifles when the pressure provided by the receiver was sufficient, shot equally well with a full-floating barrel, but when the test was carried over a period of time and with a large number of different rifles, the advantage was with the anchored type of construction.

Realizing that there were advocates of both schools of thought, we endeavored to design a band that could be used successfully for both methods without alteration of the rifle itself and the band we now use does this very thing. This is offered to the purchaser so that he may follow his individual preference without in any way altering the rifle as a whole. However, we will continue to furnish these rifles attached only in the way which our experience has convinced us to be best.

It will be noted that by the method which we have adopted, the fit is accomplished by a firm contact of the forward receiver screw and a firm contact at the barrel band, the rear screw really being unnecessary in this method, and should not at any time be permitted to spring the receiver. Its presence, however, is necessary where the free floating method is desired, and where both receiver screws must be firmly screwed down after loosening the barrel band.

It has been our experience that, regardless of which method is followed, good results may be expected from any good target ammunition, regardless of its type of make. Our Repair Division is equipped to install this barrel band on any of our new model rifles now on the market that are at present without this feature.—J. W. HESSON.

.250 Savage Handloads at 600. In our M-70 Winchester barrel, with special 9-inch twist, our best load was 34.0 grains 4064 powder behind the Western, .25-35-caliber, 117-grain, Boat-Tail bullet. This one happened to be the open point type, but the soft point form of this same bullet is equally accurate in .25-caliber rifles having a sufficiently quick twist for this long bullet. Even with our poorest 4X scope this load will shoot into less than 1½ inches per ten shots at 100 yards, and under 3 inches at 200 yards. Our groups were usually evenly distributed and perfectly round, but at 600 yards we had a horizontal group without any appreciable wind. In fact, the muzzle impact showed our sight was 6 minutes left of center. At 600 yards our impact was 6.2 minutes left, which agrees exactly and proves there was no wind drift.

At 600 yards the vertical spread was 15.25 inches, while the extreme horizontals were 19 inches, which made it almost, but not quite, a round group. The 10-shot group measured 20.5 inches, almost a possible size, with a 4X hunting scope and a point of aim at the upper right-hand corner of the target frame. The muzzle impact showed we had 20.25 minutes elevation on the gun, which was 41.50 inches short at 600 yards, the required elevation being 26.85 minutes for that range.

Another handload was 35.5 grains 4064 powder behind the U. S. C. Co. (now W. R. A.),

100-grain, soft-point, .25-35-caliber bullet. The muzzle impact was 7.0 minutes left and 19.0 minutes high. At 600 yards the impact was 5.57 minutes left and five feet low. The elevation required for zero was 28.55 minutes. This 100-grain, flat-nose bullet, at its higher velocity, dropped 10.7 inches (1.7 minutes) more than the 117-grain bullet at 600 yards, although both had an indicated drop nearly alike over 200 yards. This was 16.36 inches for the 100-grain and 16.94 inches for the 117-grain bullet. The longer, heavier bullet, with its superior sectional density, won out at the longer range and in spite of its lower initial velocity. The 600-yard group measured 22.125 inches, with 20.87-inch horizontals and 17.5-inch vertical spread.

This same 100-grain load was also fired in the M-54 rifle whose 14-inch twist gave it somewhat more velocity. The accuracy was about the same. One shot was held off to find the target, the other nine making a 22-inch group at 600 yards. The muzzle impact showed 18.0 minutes elevation on the gun. At 200 yards the indicated gravity drop was 12.74 inches. At 600 yards the aim had to be taken 20 inches above the top of the frame, indicating a required zero of 26.91 minutes. This indicates the same load dropped 10 inches less over 600 yards when fired in the 14-inch twist, as compared with the 9-inch twist.

The Western, 100-grain, Open-Point bullet and 31.0 grains of No. 17½ powder was also tried in both rifles. In the 14-inch twist the required zero at 600 yards was 29.51 minutes elevation against 31.26 minutes for the 9-inch twist. In the latter twist this load gave a square group of 19.37 inches, the spread in both directions being 18.37 and 18.75 inches. The 14-inch twist made 20.25 inches; 18.5 inches, horizontally, and only 9.5 inches in vertical spread.

Two other 117-grain bullets were tried in the 9-inch twist. With the same load of 31.0 grains No. 17½ powder we used the 117-grain, Remington, soft-point bullet. The muzzle zero showed 25.0 minutes elevation on the gun. It landed 46.5 inches low at 600 yards, indicating a zero elevation of 32.4 minutes for that range. The group was a very poor one with a vertical spread as great as the group, or 36.75 inches.

The other load was 30 grains of 3031 powder behind the 117-grain, Remington-Roberts bullet. This load showed a muzzle zero of 26.5 minutes on the gun, and the impact was 35 inches (5.56 minutes) low at 600 yards, indicating a required elevation of 32.06 minutes. This is nearly 5 minutes, or 29.5 inches, less drop as compared with the other load. The group measured 20.25 inches. The horizontals were 18.37 inches and the verticals 19.37 inches.

These 117-grain bullets are too long to be stabilized in the 14-inch twist, and they were not fired in the M-54 rifle. Instead we tried the .25-Remington, 87-grain, open-point bullet and 36.0 grains of 4064 powder. The elevation on the gun was 19.0 minutes at the muzzle. At 600 yards this was 7.56 minutes short, the requirement being 24.56 minutes elevation for zero. The group was very poor, or 34.0 inches. The horizontals were as great as the group size, but the vertical spread was only 16 inches, indicating some wind deflection. This did not prove out, however, because the muzzle impact was 3.72 minutes left and the 600-yard impact was 3.74 minutes left, which checks perfectly, proving absence of wind.

When tried in the 9-inch twist this same load showed a muzzle zero of 22.1 minutes on the gun, which proved to be three feet, or 5.9 minutes, short at 600 yards, the required elevation being 28.0 minutes. Here again the 14-inch twist indicated 21.6 inches (3.44 minutes) less drop over 600 yards as compared with the 9-inch twist with the same load. Probable reason: higher velocity in the 14-inch twist. The 9-inch twist gave a good group at 600 yards, or 10 shots in 14.37 inches. The horizontals were 11.37 inches and the vertical spread just 13.0 inches.

Reshaping this bullet to our own design of a 10-caliber, pointed head (a copy of the 180-grain Ross bullet), and using the same load, we cut the gravity drop by four feet in the 9-inch

twist and by more than two feet in the 14-inch twist. Even in the latter case, that is a reduction of 16% in the time of flight purely from improved shape. We expect still greater ballistic gains with our improved 100-grain bullet in the 14-inch twist and with our reshaped 117-grain bullet in the 9-inch twist. The results will be reported as soon as our present experiments have been completed.

In the report above we are chiefly concerned with relative drop and only incidentally with accuracy. The 600-yard distance is twice the effective range of the .250 Savage caliber, and furthermore we used light, sporting rifles with hunting-scope sights in the shooting reported above. The aiming point was also somewhat indefinite, as holding-off the target was necessary. Heavy, target barrels and high-power scope-sights, aimed in center, would, of course, make possible much smaller groups.

25, 32 AND .380 AUTOS

SOME time ago we had a discussion concerning the .25-caliber Colt Auto in comparison to the .25 Mauser (5½-inch-overall model). I recently had an opportunity to thoroughly try the following .25-caliber auto pistols, both on target and in game shooting, and it may be of interest to you to have my results.

Average penetration in pine:

Mauser	5¼	¾-inch	boards.
Colt	4	"	"
Ortgies	4½	"	"
Astra	3½	"	"

Average accuracy, 50 shots at 15 yards on the 20-yard S.A. Target:

Mauser	86	per 10 shots.
Colt	72	"
Ortgies	82	"
Astra	70	"

On game I find the Mauser superior to the other .25-caliber autos. The longest shot on a chuck was at 35 yards with the Mauser. The Colt and Astra are useless to me, as it is impossible to tell exactly where the bullet is going. The Ortgies is not as good in this respect as the Mauser, but better than the Colt or Astra.

Mechanically, the .25 Colt is first, being heavier as to parts and more reliable from jams and breakage. Also, with it I never had a misfire. The .25-caliber Mauser has the best grip and it holds best, but the trigger spring is breakable and the striker does not hold, that is, follows down at times. The magazine is of light material and, when loaded to full capacity, will cause jams at times. The accuracy is fine, however. The .25-caliber Astra is, in plain words, "junk," poorly fitting parts and made of the poorest material. It has an unreliable action, and jams and misfires about half the time.

Next to the Colt, the .25-caliber Ortgies is a nice little weapon. It has good accuracy. The pull is better than that of the Mauser or Colt, and the action is well fitted. In fact, the whole gun is very well fitted, and I have never had a jam and there was only one misfire. Its worst feature is the rather poor grip, it being too short like the Colt grip. The whole make-up is rather unique, as a person not knowing the trick to dismount, would work for a week getting it apart. Really, this little gun is deserving of credit.

I tried the .380 Remington and .32 Colt auto pistols for penetration and accuracy and find the .32 A. C. P. is superior in both to the .380. However, the .380 would hit a bit harder in a weapon of self defense. The .32 bullet penetrates 6½, ¾-inch pine boards and the .380 only 5.

At 15 yards I shot an 84 on the 20-yard target with the .32 A. C. P., and with the .380, an 80, average for three targets. The .32 A. C. P. is a nice little side arm for game shooting. But I never could hit game (using 6 different guns, Savage, Colt and Remington) with the .380 caliber. I can do better shooting with the .25 Mauser than any of the other autos. I certainly wish that this little Mauser were made as sturdy as the Colt, then it would be some pocket arm.—GORDON C. BOSER.

(Continued from page 61)

but did not screen out enough light to entirely suit my sensitive eyes. Instead of trying a darker shade of the soothing blue color or the familiar blue-green of Colabar and Ray Ban, I tried a neutral tint which was practically a smoke brown. This was the No. 3 or dark shade of Crooks. For desk glare I have been wearing B. & L. Crookes spectacles in the lightest, or No. 1, shade since 1935. Mine are all plano ground and cost \$7.50. Normal prescriptions double this price.

The most interesting optical products were: the custom-built Unertl (internally click-adjustable in both planes) target scope with 2-inch objective and the new line of Pechar scopes which have one-turn, "click", micrometer control of their focus. In 10X these scopes have an amazing depth of focus, which seems to be practically universal. The quick focus change and the detents make for maximum convenience. One convertible model with 1½-inch objective can be quickly changed from 10X to 15X at any range without disturbing the eyepiece focus. This same size is available in 8, 10, 12, 14 or 16 magnifications single-power. In the 1½-inch objective there is the same range of powers in middle focus-control as well as in front-end control. These latter two models cost \$65.00 complete with fine Pechar target mounts.

The Pechar steel mounts are 3-point suspension in principle, the scope being suspended in a separate steel ring inside the mount and in contact with the adjusting screws. Slots in the ring permit freedom of movement in the plane at right angle, so that vertical changes do not effect lateral changes or vice versa. These micrometer click mounts were \$14.00 per set at Camp Perry.

Andy Sorensen of Windsor, Colorado, was there with his improved Springboard Mount which is an adjustable hunting mount of low outline and low cost, adaptable to a variety of scopes and rifles. Economy features include the ability to use the same scope on several rifles, \$10.00, plain, and \$15.00, micrometer. All "Springboards" have an auxiliary open rear sight for emergency use when the scope is removed.

Lyman had an interesting tube sight with a polarizing filter, controlled by a knob and a slotted path in the eye-piece. The filter part, turned progressively, changed the clear transparent front aperture to a translucent gray and finally to an opaque black. The best feature was the obliteration of all annoying side rays or polarized light, resulting in the best definition I've obtained with any aperture sight. Price, \$20.00, or \$8.00 without mounts. Joe Goss also had a fine new hooded front sight which will be handled by Badger and Westchester supply Companies. The hood was of large diameter, the full-size discs were of some transparent material (not celluloid) to permit individual inking of aperture outlines or cross marks, and the base arrangement was very flexible in its possible methods of application to various different rifle barrels and muzzle provisions.

Wes Hanche and Lew Bulgrin brought some brittle 2-inch discs, press-molded and baked, of core-sand which created fun for the gallery in a 100-yard team match. Hung on a nail by their central hole they shatter when hit, making the results of a shot immediately apparent to shooter, scorer and spectator alike. For fast action and gallery excitement, several 3-man teams each fired on six targets against time or in competition with other similar teams, all starting together. First clear board wins. Fastest time, 32 seconds. Longest metal-sight run, 15 straight (at copy time). One junior team beat some of the hard-boiled men.

Lem Temple loaned us his diaphragm shutter (iris stop) for our B. & L. prismatic scope which appreciably lengthens the depth of focus for catching any thin strata of mirage, between firing point and target. It also seems to improve resolution. He also loaned us his metal shooting kit made by his friend Sears in the

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vicinity of Cincinnati. Both pieces of equipment will be used for later report.

Lovable Sam D. Myres, saddle-maker, and hearty Lee Myres, his faithful partner (the genial and unruffled butt of Sam's frequent jibes) were there with some finely embossed and carved leather goods, including holsters of all types, belts, camera cases and traveling bags. I saw them make a few sales but I know the pair of them made many more friends on this great national meeting ground which is called Camp Perry.

A Month Delay in our reply to some Dope Bag questions is normal. On account of our periodic occupation with other duties a few letters must be held over each month. Allowing another week for transit, at least five weeks should elapse before members write follow-up letters about their inquiries to the Technical Division.

On Loading and Cleaning—I should like to have as complete data as may be available on loads using Pyro D. G. and No. 1185 military powders, especially for .30-'06 loads. The handbooks give very scant data for these very inexpensive powders obtainable through the D.C.M.

What charge of Bullseye pistol powder is equivalent to the Service load using Frankford Arsenal primers and D.C.M. jacketed bullets in caliber .45 Auto?

In loading .45 auto cases for automatic pistol with jacketed bullets what difficulties would arise if only neck resizing instead of full length case resizing is used?

What is the accuracy life of the Model-1917 revolver using the modern D.C.M. ammunition i.e. gilding metal cased bullets, etc.

What cleaning procedure do you recommend for the Model-1917 revolver using the regular Service ammunition.

I should appreciate receiving answers to such of the above questions as you may be able to give. Thanks a lot.—B. T.

Answer: See the enclosed form on I. M. R. powder No. 1185 and Pyro D. G. and please note that these are suggested maximum loads not intended to be arbitrarily tried, but to be approached with caution from a lower level. Also note that they must be reduced 5% when modern noncorrosive primers are used.

In the .45 pistol case behind the standard 230-grain jacketed bullet I would suggest using from 4.0 to 4.5 grains weight of Hercules Bullseye. The standard ballistics of 810 f.-s. is obtained with the maximum recommended load which is 4.8 grains weight of Bullseye powder. This develops 15,000 pounds pressure.

If you use cases fired in the M-1917 revolver you need not size full length as neck sizing will suffice. However, cases from the pistol will be bulged on one side owing to the abnormal posi-



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tion in the fairly large chamber and full-length shell resizing is then required. However, if you find that they will go into your revolver chambers without such sizing no harm will develop except some possible effect on convenience and accuracy. Using jacketed bullets in the revolver the barrel life is shortened to about 5,000 rounds. With lead bullets used exclusively it should last for at least 20 times that amount of shooting without impairing accuracy.

When using Service ammunition or old-style primers in handloads it is almost necessary to clean with water on the cleaning patch followed by regular cleaning after the salty residue has been dissolved. You can also use oil-water emulsions or other aqueous solutions (containing water). One of the best is Winchester

Crystal Cleaner which is an ammonia swabbing solution which will help to remove metal fouling as well as dissolve the primer salts, both of which are important in this case.

22 Lovell Better for Handloaders—I have seen much implied criticism of the .22-3000 Lovell rifle and cartridge as turned out by independent gunsmiths. Still, the local woodchuck hunters consider it superior to the Hornet. Do you think it advisable to put more money into my .22-3000 in the way of stock and better scope, or get rid of it in favor of a standard Hornet? I would reload in any case.

Can you give me the proper weight of powder to use in the .22-3000 using DuPont No. 4227, 46-grain Winchester bullet and W. R. A. 116 primer in a tight-chambered rifle? I am not interested in a maximum load, just a good accurate game load. What is the effect of using a coarser grained powder such as Hercules No. 3 in these small capacity cartridges?—D. C.

Answer: I am surprised to learn that any reloader could consider giving up the .22-3000 Lovell for the .22 Hornet. In my opinion there is no comparison. The sole advantage of the .22 Hornet is the availability of factory ammunition. Even in this respect it is only of partial advantage, because custom-built ammunition can be furnished by advertisers of custom ammunition for the Lovell. Good as the .22 Hornet cartridge is, in fact, it is outclassed by the .22 Lovell at any range beyond 125 yards. It equals the .22 Hornet in accuracy at those ranges and exceeds it in power. At 200 yards it exceeds the .22 Hornet in accuracy, in trajectory, in killing power and in the matter of decreased wind deflection.

A charge which we have found to work well with all bullets in the .22 Lovell is 17 grains of HiVel No. 3 powder. In your rifle you could use this charge with the 46-grain bullet or you may get good results with as little as 16 1/2 grains weight. While I.M.R. powder No. 4227 has not done nearly as well, we have had good accuracy with all bullets weighing 46 grains or lighter with charges from 15.5 to 17 grains weight. Behind the 46-grain bullet we have used as high as 16.5, but have gotten good results with 14 grains, which we would recommend for your purpose. All these loads of 4227, including the worst, have shot into the 10-ring of the Decimal Target at 200 yards, which is 4 inches.

QUESTIONS AND ANSWERS ON THE NEW FEDERAL FIREARMS ACT

Q. Do I need a permit to sell a gun?

A. Dealers in arms and ammunition must secure a license from the Bureau of Internal Revenue (annual fee \$1.00). Individuals wishing to dispose of privately owned guns may do so without a license.

Q. Do I need a permit to buy a gun?

A. If the laws of your state require a permit to purchase a pistol or revolver, you must secure such a permit, even though you purchase your gun by mail from a dealer in a different state.

Q. Do I need a dealer's license if I advertise guns for sale in the Arms Chest?

A. The new law does not affect the status of individual members advertising guns for sale in the Arms Chest.

Q. How can I tell if the purchaser has complied with the law?

A. When selling a pistol or revolver to a person residing in Massachusetts, Michigan, Missouri, New Hampshire, New Jersey, New York, North Carolina, Rhode Island, South Carolina, Texas, Hawaii and Puerto Rico, you must have him send you his permit to purchase. This regulation does not apply to sales made in states not requiring a permit to purchase.

NOTE: (A digest of the permit laws of the states listed above will be carried in the November American Rifleman.)



The Arms Chest is an open market trading post where manufacturers, distributors, purveyors of professional services, and our own readers may cry their wares to fellow sportsmen at a modest cost. Returns are uniformly excellent—scores of advertisers have reported truly phenomenal results. Advertisements are accepted from members of the National Rifle Association, for their individual and personal transactions exclusively, at 8¢ per word INCLUDING NAME AND ADDRESS, minimum charge \$1.20. For all dealers' advertisements the rate is 10¢ per word INCLUDING NAME AND ADDRESS, minimum charge \$1.50.

Groups of figures are computed as one word. Spell out all descriptive words; abbreviations may lead to serious misunderstandings and thus impair the effectiveness of your ad. Box number or blind ads not accepted. Please give complete name, so as to facilitate the proper issuance of money-orders. All advertisements must be accompanied by cash or they will be disregarded. Final closing date is the 5th of the preceding month. Please print all advertisements plainly—we cannot be responsible for errors due to illegible writing.

In describing the condition of guns advertised the following standard phrases must be used: **Perfect** means factory condition. **Excellent** means new condition, implying negligible amount of use. **Very good** means practically new condition, implying very little use, resulting in no appreciable bore wear and very few and only minor surface scratches or wear. **Good** means moderate use with some finish worn off, and only moderate bore wear with no pits and nothing worse than a little roughness in the bore. **Fair** means reasonably hard service, reasonable wear inside, and nothing worse than a few very minor pits in the bore, implying the gun is practical and sufficiently accurate for hunting purposes. **Poor** means marred appearance and pitted or badly worn bore.

THE MEMBERS EXCHANGE

This section provides a quick, inexpensive means for disposing of guns and accessories no longer needed, or for the purchase of more suitable similar items. We urgently request that a full description be given of every article offered, and its condition (see complete instructions above), for transactions of this sort must be based entirely on good faith and mutual satisfaction. Deliberate misrepresentation will of course result in immediate expulsion from N. R. A. membership.

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WINCHESTER 71 348 deluxe model, factory condition, 60 cartridges, \$48.00. J. Low, Newport Place, Amityville, N. Y. **10-38**

GUNS below are originals used in my books. Walther .22 P.P., Woodsman and .38 Colt Officers, all excellent beautiful actions, also 33X Drawtube Spotting Scope. William Reichenbach, Wantagh, New York. **10-38**

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AMERICAN RIFLEMAN June 1934 to date, \$5.00. .311 M-B. dies and plunger, \$3.00. Schick Shaver, \$10.00. R. H. Nason, Chesaning, Michigan. **10-38**

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FOR SALE: Case 1200, .30-06 ammunition, M-1, 1934 issue, price \$24.00. Geo. Eddy, Marysville, Kansas. **10-38**

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MODEL 52 Standard Speedlock, 48J, 17A, perfect, \$33.00. Pacific Ballard, very good, \$16.50. Lawrence H. Lapinske, ½ Cereal Mills Co., Wausau, Wisconsin. **10-38**

SCHEUTZEN Ballard with set triggers, 22 L.R. Lovell barrel, adjustable buttplate, fancy carved stock, inlaid palm rest, B&M 9X target scope, click mount, Lyman 103 rear, 17A front, telescope height. Cost \$195.00. Will sell for \$75.00. Earl Anderson, 510 Dakota Ave., South Sioux City, Nebraska. **10-38**

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FOR SALE: American Rifleman 1930 to 1938, inclusive, \$1.50 the year, F.O.B. Seattle, Washington. No trades. C. B. Currey, 1615 Summit Ave., Seattle, Wash. **10-38**

PARKER AHE 12x30 full; also pair 28 inch Skeet barrels, case, excellent, \$325.00. Parker BHE 12x30 full and modified, very good case, \$165.00. Sauer 16x29 full, excellent, \$135.00. Camp Perry, Pachmayr grip and rib, speed action barrel 6½ inch very good, \$40.00. H&R N.R.A. target, \$17.00. Mauser 10. 75x6.8 excellent, very accurate Waffenfabrik action, stock good for fitting 30-06 barrel, \$45.00. WANT—7 m.m. M70 super grade. Earl J. Thee, 3780 Wilshire Boulevard, Los Angeles, Calif. **10-38**

BELDING & MULL Marksman Scope, Remington 30 model, sole leather case, all very good, \$30.00. M. L. Stith, Milam Building, San Antonio, Texas. **10-38**

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WINCHESTER 70, Hornet, Super Grade, with Unertl 6X and Stith mounts, excellent plus, with case, \$88.00. Harrison Forbes, Stantonburg, N. C. **10-38**

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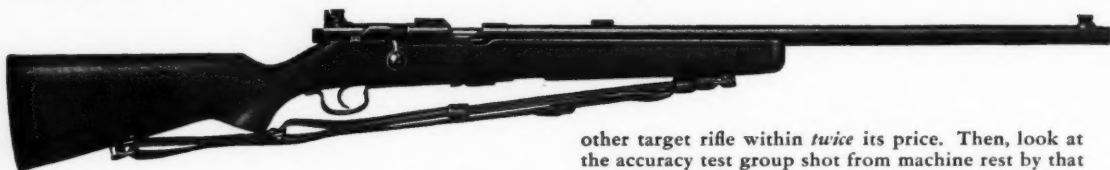
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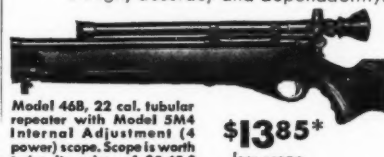
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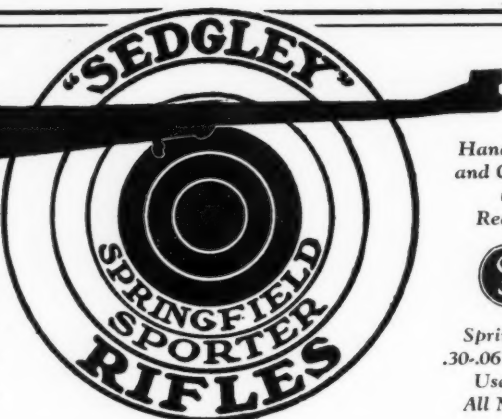
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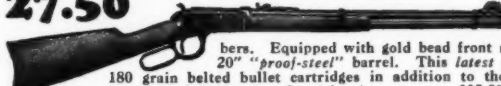
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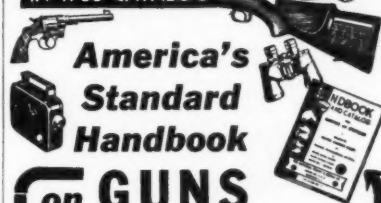
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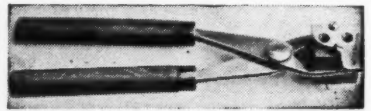
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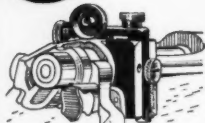
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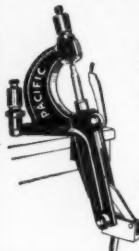
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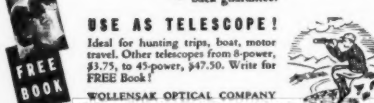
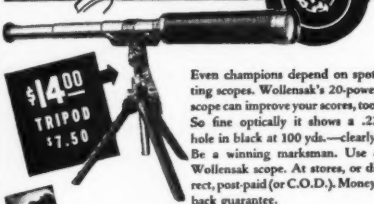
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GOOD, P.P. 38 Special 4", holster, \$13.00. Very good, S&W Model 17, 45, holster, \$15.00. Fair, 32 Colt Auto, \$8.00. About fair 38 D.A. Army 6", \$6.50. Fair 32 short I.J., \$2.50. Good, 38 Colt Military Auto, 200 cartridges, \$15.00. Excellent, H&R, 922, \$7.00. W. B. Miller, 1432 N.E. Liberty, Portland, Oregon. 10-38

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WINCHESTER, 71, 348, new, \$40.00. Winchester 61, new, \$19.50. Marlin 39, new, \$20.00. Remington 24A Long Rifle, excellent, \$16.50. Winchester Lever 12 ga., very good, \$20.00. Winchester 52 Slow-lock, good, \$20.00. 12 Ga. Stevens Singles, good, \$3.50; Excellent, \$5.00. Colt S.A. 7 1/2 Converted 22 L.R., very good, \$18.00. Bell 16 M.M. Movie Camera and Projector, excellent, \$20.00. Warren Furler, Loysville, Penna. 10-38

LEFT HAND Match muzzle-loading rifle, by John Wood, Helena, Ky., butt log walnut stock. Accessories: fine pouch, horn, flask, brass starter, nipple wrench, extra sights, etc. Price \$50.00. Accuracy: one inch groups at 40 yards. E. M. Farris, Railroad Y.M.C.A., Portsmouth, Ohio. 10-38

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WINCHESTER M86, 40-82, box S.P., good, \$12.00. Lyman 103, new, \$4.00. Redfield Micrometer and Globe, Marlin 39, \$3.00. Ammunition, .30-06 — 34, \$2.50. Inspected 18, \$1.25. WANT—Cheap 22 and W.R.F. rifles, O&U 12, cyl. & Imp. Mod. F. C. Culler, Alliance, Ohio. 10-38

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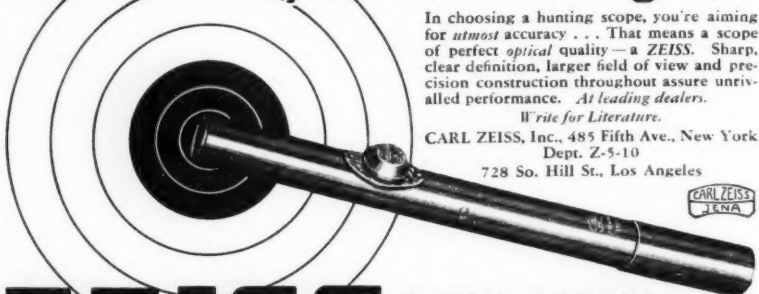
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